

AD-A195 107

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs)

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CELA (ITALY) (U) AIR FORCE ENVIRONMENTAL TECHNICAL

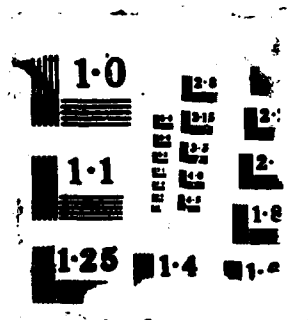
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Air Weather Service (MAC)



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LIBOCS"

GELA ITALY MSC #164530
N 37 05 E 014 13 ELEV 108 FT LIDL

PARTS A - F HOURS SUMMARIZED: SYNOPTIC HRS

PERIOD OF RECORD:
HOURLY OBSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY DATA: SEE TITLE PAGE
APR 12 1988

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REPORT DOCUMENTATION PAGE

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psychrometric data visibility ceiling Limited Surface Observations Climatic Summary (LISOCs); Gela Italy; Italy; IY164530.

↓ This report presents a

19. Abstract: A statistical data summary of surface weather observation climatology Gela Italy. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: ~~PART 1~~ Weather Conditions and Atmospheric Phenomena; ~~PART 2~~ Surface Winds; ~~PART 3~~ Ceiling and Visibility; ~~PART 4~~ Psychrometric Summaries; and ~~PART 5~~ Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/IN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

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REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read "Walter S. Burghmann", with a long horizontal flourish extending to the right.

WALTER S. BURGHMANN

Scientific and Technical Information Program Manager

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: GELA ITALY

STATION NUMBER: 164530

SUMMARIZED HOURS: SYNOPTIC HOURS ONLY

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY DATA (FULL TIME): NONE AVAILABLE

SUMMARY OF DAY DATA (TEMPERATURES ONLY): JUL 66 - MAR 71, JAN 73 - AUG 87

TIME CONVERSION LST TO GMT: -1

ALL USERS OF THIS LISOC MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

06-4/USAFETAC/MAL/AWS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "MAN AND FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSNSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WHO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DAYSAT OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.



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STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WHO NUMBER
164530	Gela, Italy	37 05 N	14 13 E	108	LICL	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HY. BARO.	
1	Gela, Italy	IY	Unkn	Oct 83	37 05 N	14 13 E	108	---	VRBL
2	Gela, Italy	IY	Nov 83	Aug 87	Same	Same	108	---	VRBL

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Oct 83	Unkn				

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIR: ALL REPORTED HAIR.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLE OF "0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE.
2. METAR STATIONS (BEGINNING IN JAN 1971) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN 6/0R CRIZZLE	FRZING RAIN 6/0R CRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.4	4.7				4.7	4.7				4.7	256
03-05	.8	4.5				4.5	3.3				3.3	244
06-08	.3	4.1				4.1	4.5				4.5	290
09-11	.3	3.1				3.1	6.8	.7		.3	7.8	294
12-14	1.0	3.1				3.1	5.8			.3	6.2	291
15-17	.7	2.7				2.7	4.8				4.8	292
18-20	.3	6.1				6.1	5.4	.3		.3	6.1	297
21-23		3.9				3.9	4.6				4.6	282
TOTALS	.5	4.0				4.0	5.0	.1		.1	5.3	2246

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN 6/0R CRIZZLE	FRZING RAIN 6/0R CRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.4	4.9				4.9	7.4				7.4	243
03-05		2.7				2.7	8.1				8.1	222
06-08		4.2				4.2	8.8			.8	9.6	261
09-11	.4	3.4				3.4	9.8				9.8	264
12-14		5.6				5.6	5.9				5.9	270
15-17	.7	4.4				4.4	3.7				3.7	271
18-20	.7	5.1				5.1	6.2			.4	6.6	273
21-23		4.8				4.8	6.4				6.4	250
TOTALS	.3	4.4				4.4	7.0			.2	7.2	2054

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN &/OR CRIZZLE	FRZING RAIN &/OR CRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLCWING SNOW	DUST &/OR SAND	% OBS W/CBS TO VISION	TOTAL OBS
00-02		2.2				2.2	10.1				10.1	268
03-05		1.9				1.9	10.1				10.1	258
06-08		2.8				2.8	12.9				12.9	287
09-11	.3	5.1				5.1	11.0	.3			11.3	292
12-14	.3	4.0				4.0	8.4				8.4	298
15-17	.7	7.5				7.5	5.5			.3	5.8	292
18-20		4.0				4.0	7.4				7.4	296
21-23		5.2				5.2	9.0				9.0	289
TOTALS	.2	4.1				4.1	9.3	.0		.0	9.4	2282

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN &/OR CRIZZLE	FRZING RAIN &/OR CRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLCWING SNOW	DUST &/OR SAND	% OBS W/CBS TO VISION	TOTAL OBS
00-02		1.6				1.6	9.5				9.5	253
03-05	.4	2.5				2.5	9.5				9.5	241
06-08		3.1				3.1	14.1				14.1	290
09-11		2.4				2.4	11.4				11.4	289
12-14		3.5				3.5	8.7	.3			9.1	286
15-17	.3	3.1				3.1	9.4				9.4	287
18-20		2.7				2.7	10.2				10.2	293
21-23		1.5				1.5	9.0				9.0	268
TOTALS	.1	2.6				2.6	10.2	.0			10.3	2207

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY

POURS (LST)	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02							12.9	.4			13.3	255
03-05		1.3				1.3	12.6				12.6	238
06-08		2.0				2.0	18.7				18.7	294
09-11		2.4				2.4	13.8	.3			14.1	297
12-14		.3				.3	13.6				13.6	295
15-17		.7				.7	12.2				12.2	295
18-20		.7				.7	14.1				14.1	297
21-23		.8				.8	10.7	.8			11.5	252
TOTALS		1.0				1.0	13.6	.2			13.6	2223

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN

POURS (LST)	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		.6				.6	9.1				9.1	263
03-05	.4	.4				.4	11.1				11.1	253
06-08		1.0				1.0	15.1	.3		.3	15.8	291
09-11		.3				.3	15.7				15.7	287
12-14							15.3				15.3	295
15-17	.4	.4				.4	15.7				15.7	281
18-20							13.8				13.8	282
21-23		.4				.4	13.2	.4			13.6	272
TOTALS	.1	.4				.4	13.6	.1		.0	13.8	2224

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN E/OP CRIZZLE	SNOW E/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLWING SNOW	DUST E/OP SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02							22.6				22.6	265
03-05	.4	.4				.4	19.0				19.0	247
06-08							27.8	.3			28.1	295
09-11		.7				.7	29.4	.3			29.7	296
12-14							26.1				26.1	303
15-17							25.2				25.2	298
18-20							23.2				23.2	302
21-23							23.7				23.7	278
TOTALS	.1	.1				.1	24.6	.1			24.7	2284

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG

HOURS (LST)	TSTMS	RAIN E/OP CRIZZLE	FRZING RAIN E/OP CRIZZLE	SNOW E/OP SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLWING SNOW	DUST E/OP SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02							18.9				18.9	265
03-05		.4				.4	19.5				19.5	246
06-08							24.8				24.8	290
09-11							29.5				29.5	298
12-14	.7	1.0				1.0	28.5				28.5	298
15-17		.3				.3	26.0				26.0	296
18-20							22.2				22.2	293
21-23							19.5				19.5	272
TOTALS	.1	.2				.2	23.6				23.6	2258

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN &/OR CRIZZLE	FRZING RAIN &/OR CRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLCWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.4	1.5				1.5	12.5				12.5	265
03-05		1.3				1.3	13.4				13.4	239
06-08	.3	1.4				1.4	16.7	.3			17.0	288
09-11	.3	.3				.3	18.4				18.4	293
12-14	1.4	2.1				2.1	12.4				12.4	291
15-17	1.0	2.4				2.4	11.4				11.4	290
18-20	.3	1.0				1.0	13.1				13.1	289
21-23	1.5	1.2				1.2	13.5				13.5	260
TOTALS	.7	1.4				1.4	13.9	.0			14.0	2215

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN &/OR CRIZZLE	FRZING RAIN &/OR CRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLCWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.1	1.5				1.5	10.9				10.9	265
03-05	.8	1.7				1.7	10.8				10.8	241
06-08	1.0	2.4				2.4	14.3				14.3	293
09-11	1.0	1.0				1.0	14.2	.3			14.6	288
12-14		1.7				1.7	10.0			.3	10.4	299
15-17		2.4				2.4	9.7				9.7	288
18-20	1.0	2.4				2.4	11.5				11.5	296
21-23	.7	1.5				1.5	10.5				10.5	267
TOTALS	.7	1.8				1.8	11.5	.0		.0	11.6	2237

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN 6/0R CRIZZLE	FRZING RAIN 6/0R CRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.8	3.7				3.7	9.1				9.1	243
03-05		2.9				2.9	7.5			.4	7.9	246
06-08	.4	3.0				3.0	10.7				10.7	271
09-11	.4	2.8				2.8	5.7				5.7	282
12-14	.4	3.2				3.2	3.2				3.2	284
15-17	.4	2.8				2.8	4.2				4.2	284
18-20	1.0	5.2				5.2	5.2			.3	5.5	290
21-23	.4	3.7				3.7	7.8				7.8	269
TOTALS	.5	3.4				3.4	6.7			.1	6.8	2163

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN 6/0R CRIZZLE	FRZING RAIN 6/0R CRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.4	3.0				3.0	4.2				4.2	265
03-05	.4	3.6				3.6	3.2				3.2	249
06-08		3.4				3.4	3.4			.3	3.8	291
09-11		2.7				2.7	5.1				5.1	292
12-14		3.7				3.7	2.3				2.3	300
15-17	.7	2.7				2.7	2.0				2.0	295
18-20		3.0				3.0	2.3				2.3	301
21-23	.7	4.1				4.1	3.0				3.0	271
TOTALS	.3	3.3				3.3	3.2			.0	3.2	2264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL

MOON (LST)	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW E/OR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLCKING SNOW	DUST E/OR SAND	% OBS W/CBSY TO VISION	TOTAL OBS
JAN ALL	.5	4.0				4.0	5.0	.1		.1	5.3	2246
FEB	.3	4.4				4.4	7.0			.2	7.2	2054
MAR	.2	4.1				4.1	9.3	.0		.0	9.4	2282
APR	.1	2.6				2.6	10.2	.0			10.3	2207
MAY		1.0				1.0	13.6	.2			13.8	2223
JUN	.1	.4				.4	13.6	.1		.0	13.8	2224
JUL	.1	.1				.1	24.6	.1			24.7	2284
AUG	.1	.2				.2	23.6				23.6	2258
SEP	.7	1.4				1.4	13.9	.0			14.0	2215
OCT	.7	1.8				1.8	11.5	.0		.0	11.6	2237
NOV	.5	3.4				3.4	6.7			.1	6.8	2163
DEC	.3	3.3				3.3	3.2			.0	3.2	2264
TOTALS	.3	2.2				2.2	11.9	.0		.0	12.0	26657

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF REAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.0	.0		.4								2.0	5.8
NNE	.0	1.2										2.0	4.2
NE	.4	.8	.4		.4							2.0	7.8
ENE	.0	3.5	1.6									5.9	5.7
E	1.6	1.2	.4	.4								3.5	5.1
ESE													
SE		.4			.4							.8	12.0
SSE			.4	.8	.4							1.6	13.5
S	.0	.4	.8	.4	.4	.4						3.1	10.8
SSW			.4	1.2	.4	.4						2.3	14.8
SW				.4	.4		.4	.4				1.6	25.1
WSW					.8							.8	18.5
W	.4	1.6	2.0	2.0	.4	.8	.4	.8				8.2	14.2
WNW	.0	1.6	2.0	2.7	.4	.8						8.2	10.2
NW	.0	1.2	1.6	.8								4.3	6.9
NNW	2.3	1.2	.8	.4	.4							5.1	6.1
VARIABLE													
CALM	////////////////////											48.8	////
TOTALS	9.4	13.7	10.2	9.4	4.3	2.3	.8	1.2				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 256

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.1	.4	.4								3.3	6.5
NNE	2.1	1.6										3.7	3.1
NE	.4	.8										1.2	4.0
ENE	1.2	2.9	1.2	.4								5.8	5.5
E	.8	2.1	.8	.4								4.1	5.5
ESE	.4					.4						.8	12.5
SE		.4			.4							.8	12.5
SSE													
S		.4	.4	1.2	.8	.4						3.3	13.5
SSS		.4				.4						.8	15.0
SSW	.4		.8	.8	.4	.4		.4				3.3	15.0
WSW			.4				.4	.4				1.2	25.0
W	.8	.4	.8	2.9	1.2	.8	.4	.4				7.8	15.5
WNW	.4	1.2	4.1	2.9	.8							9.5	10.4
NW		2.1	.4						.4			2.9	11.1
NNW	.4	.8	.4	.4	.4							2.5	8.5
VARIABLE													
CALP	////////////////////											49.0	////
TOTALS	7.4	15.2	9.9	9.5	4.1	2.5	.8	1.2	.4			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 243

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 76-87
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.3	.3	.3	.3							2.8	6.1
NNE	1.0	1.7		.3								3.1	5.2
NE	.2	1.4	1.7									3.4	6.8
ENE	2.8	4.1	2.4	.3	.3							10.0	5.8
E	.2	1.4	.3									2.1	5.2
ESE		.3				.3						.7	14.0
SE			.3									.3	10.0
SSE					.3							.3	21.0
S				.7		.3						1.0	17.0
SSW				.7	.3	.3	.3					1.7	21.4
SW			.3	.7								1.0	13.0
WSW		.3		.7	.3	1.4						2.8	19.1
W	.3		1.7	1.7	.7	2.1						6.6	16.0
WNW		1.0	2.8	3.1	.7	.3						7.9	11.2
NW	1.7	2.4	1.0		.3							5.5	5.2
NNW	.7	1.0	1.0			.3						3.1	7.4
VAR TABLE													
CALP	////////////////////											47.6	////
TOTALS	8.6	14.1	12.1	8.6	3.4	5.2	.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.3	.7	.3	.3		.3					3.4	9.1
NNE		.3	.3									.7	6.0
NE	1.4	.7	.7	.3								3.1	5.2
ENE	3.0	5.8	1.7	.7								12.0	5.2
E	3.1	.7	.7	.7								5.2	4.8
ESE													
SE		.3		.3								.7	10.0
SSE					.3	.3						.7	20.1
S			.7	.7								1.4	12.0
SSW	.3		.3									.7	6.0
SW				.7		.3						1.0	17.1
WSW					.7	1.0	.3					2.1	24.5
W		.7	2.4	3.8	2.1	2.1						11.0	14.5
WNW	.3	2.4	1.7	.7	.3	.3						5.8	9.4
NW	1.0	2.7	.7	.7								5.2	6.0
NNW	.3	.3	.3	1.0	.7							2.7	11.8
VARIABLE													
CALP	////////////////////											44.3	////
TOTALS	11.7	14.4	10.3	10.0	4.5	4.1	.7					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7A-87
MONTH: JAN HOURS(LEST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N		1.4	.7	2.1	.3						4.5	11.2
NNE		.3	.3								.7	7.0
NE			.3	.3							.7	12.0
ENE	.7	.3	1.0	1.0							3.1	8.1
E	.7	.7	.7								2.1	5.5
ESE	.3	.3	.3	1.0		.3					2.4	10.5
SE	.2	1.0	.7	.3							2.4	6.4
SSE	.3	1.4	1.0	.3	.3	.3					5.8	9.5
S	.3	1.4	1.0	1.4				.3			4.5	10.0
SSW	.2	.7			.3						1.4	7.5
SW	.7	.7	1.4	.3	1.0	1.0		.3			5.2	14.5
WSW		.7	3.8	1.7	2.1	.7	.7				9.7	13.6
W	1.0	.7	2.4	4.8	3.4	4.1	1.0				17.6	16.5
WNW		.3	1.0	2.4	.7	.7					5.2	14.0
NW	.7	1.0	.7	1.0							3.4	7.5
NNW	.2	1.0	.7	1.7	.3	.3					4.5	10.2
VAR TABLE												
CALP	////////////////////										29.0	////
TOTALS	5.5	12.1	16.2	18.6	8.6	7.6	1.7	.7			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7	1.4	2.4	.7						5.5	11.6
NNE	.3	.3		.7							1.4	7.5
NE		.3	.3	.3							1.0	10.0
ENE	.7	1.4	1.7	.3	.3						4.5	7.7
E			.3								.3	10.0
ESE		.3	.7	.7							1.7	9.6
SE		.3	1.0	.3		.7					2.4	13.3
SSE	1.7	.7	1.0								3.4	4.6
S		1.0	1.7	1.0							3.8	8.6
SSW	1.0	1.0	.7	.7	.7						4.1	8.7
SW	1.0	1.0	1.0	1.0	.7	.7		.3			5.8	12.0
WSW	.7	.3	2.7	4.8	2.4	1.4					12.0	14.0
W	.3	1.4	4.1	5.5	5.8	4.8	2.4	.3			24.7	17.4
WNW		.3	1.4	2.4	1.7	.3	.3				6.5	14.5
NW	.7	1.0	.3	.3							2.1	7.3
NNW		1.7	2.7	.7	.3						5.5	8.6
VARIABLE												
CALM	////////////////////////////////////										15.4	////
TOTALS	6.2	12.0	21.2	21.2	12.7	7.9	2.7	.7			100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(1ST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.0	.7	.7	1.0							3.7	10.1
NNE		1.0	.3	.3								1.7	7.4
NE			.7									.7	8.5
ENE	1.0	1.4	1.7	.3	.3							4.8	7.1
E	1.0	1.4	.3	.7								3.4	6.1
ESE		1.4	.7	.3								2.4	6.7
SE	.3	1.0	.3									1.7	5.1
SSE	.7	.3		.3		.3						1.7	10.4
S	.7	.3	1.0	1.4								3.4	8.4
SSW		1.0	.7	.7	.3	.3	.3					3.4	13.1
SW		.7			.3	.7						1.7	15.2
WSW	.7	.7	1.4	1.0			.3					4.1	10.1
W		2.7	3.7	5.8	2.0	.7	1.4	.7				17.0	14.5
WNW	2.0	4.1	4.4	2.0	.7	.7	.3					14.3	9.1
NW	1.4	3.7	2.4	.7								8.2	5.1
NNW	.7	1.4	1.4		.3							3.7	7.4
VAR TABLE													
CALP	////////////////////											24.1	////
TOTALS	8.2	22.1	19.7	14.3	5.1	2.7	2.4	.7				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.1	1.4	.7							3.6	7.5
NNE		.4	.4								.7	5.5
NE	.7										.7	2.5
ENE	1.4	2.8	.7	.7	.4						6.0	6.5
E	2.1	1.8	.4								4.3	4.0
ESE		.4	.4								.7	6.5
SE					.4						.4	21.0
SSE			.4			.4					.7	15.5
S	.4		.7	.7	.7						2.5	12.0
SSW			.7		.4	.4		.4			1.8	19.6
SW		.4	.4	.7		.4					1.8	12.6
WSW	.4				.4	.4	.4				1.4	18.2
W	.7	2.1	2.8	2.1	1.4	1.1		.4			10.7	12.6
WNW		2.5	3.6	1.8		.7					8.5	9.4
NNW	1.4	2.8	.7								5.0	4.6
N	2.1	2.8	.7	.7							6.4	5.4
VARIABLE												
CALP	////////////////////										44.8	////
TOTALS	9.6	17.1	13.2	7.5	3.6	3.2	.4	.7			100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7R-87
MONTH: JAN HOURS/1ST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.9	.7	.9	.4		.0					3.6	9.1
NNE	.5	.8	.2	.2								1.7	5.1
NE	.4	.5	.5	.1	.0							1.6	6.7
ENE	1.6	2.8	1.5	.5	.2							6.5	6.2
E	1.2	1.1	.5	.3								3.1	5.2
ESE	.1	.4	.3	.3		.1						1.1	9.5
SE	.1	.4	.3	.1	.1	.1						1.2	9.7
SSE	.4	.3	.4	.2	.2	.2						1.6	10.2
S	.3	.4	.8	.9	.2	.1		.0				2.9	10.8
SSW	.2	.4	.4	.4	.3	.2	.1	.0				2.1	13.0
SW	.2	.4	.5	.6	.4	.4	.0	.2				2.7	14.6
WSW	.2	.3	1.1	1.1	.8	.6	.3	.0				4.4	15.1
W	.4	1.2	2.5	3.6	2.2	2.1	.7	.3				13.1	15.6
WNW	.4	1.7	2.6	2.2	.7	.5	.1					8.2	10.7
NW	.9	2.1	1.0	.4	.0				.0			4.6	6.4
NNW	.8	1.3	1.0	.6	.3	.1						4.2	7.5
VARIABLE													
CALP	////////////////////											37.4	////
TOTALS	8.4	15.1	14.3	12.5	5.9	4.5	1.3	.6	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 2237

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	.8									2.9	3.0
NNE	1.2	.4	.8								2.5	5.0
NE	.4	2.1									2.5	4.3
ENE	2.5	2.1	.4	.8							5.8	5.1
E	2.5	4.6									7.1	4.2
ESE				.4							.4	12.0
SE			.4	.4							.8	11.0
SSE				.4							.4	14.0
S		.4					.4				.8	18.0
SSW	.4			.4							.8	9.5
SW		.4	.4	.4				.4			1.7	16.0
WSW		.4	.8		.4	.8					2.5	15.0
W		1.7	.8	.8	.8	1.2	.4				5.8	14.1
WNW	1.2	1.2	2.9	1.7							7.1	7.5
NW	.4	2.5	1.7								4.6	6.2
NNW	.4	.8		.4							1.7	7.0
VARIABLE												
CALP	////////////////////////////////////										52.7	////
TOTALS	11.2	17.4	8.3	5.8	1.2	2.1	.8	.4			108.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0300-0500

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.4									1.8	3.6
NNE	2.3	.9		.5							3.6	4.1
NE	.5	1.4	.9								2.7	5.6
ENE	2.7	4.5	1.8								9.0	4.6
E	1.4	4.5	.9	.5							7.2	5.4
ESE												
SE		.5	.5								.9	5.5
SSE												
S												
SSW		.5				.9	.5				1.8	20.6
SW		.5		.5		.5					1.4	13.1
WSW				1.4							1.4	14.0
W	.5	.9	1.4	.5	.9	1.4	.5				5.9	15.1
WNW	.5	.5	1.4	1.8							4.1	9.0
NW	.5	2.7									3.2	5.0
NNW	2.1	1.4	1.4	.5							5.4	4.5
VARIABLE												
CALP	////////////////////										51.6	////
TOTALS	10.9	19.5	8.1	5.4	.9	2.7	.9				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7P-87
MONTH: FEB HOURS(151): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N		.4	.4									.8	8.0
NNE	1.5	1.2										2.7	3.1
NE	.8	1.2	.8	.4								3.1	6.1
ENE	3.9	3.5	2.3		.4							10.0	5.0
E	1.5	3.9	1.9	.4								7.7	5.1
ESE			.4									.4	9.0
SE		.4	.4	.4	.4							1.5	11.5
SSE													
S													
SSW				.4				.4				.8	23.5
SW			.4									.4	8.0
WSW			.4	.4			.4					1.2	17.0
W	.4	.8	.8	2.3	.8							5.0	11.2
WNW	.4	2.3	1.5	1.2								5.4	7.5
NW		.8	.8	.4								1.9	7.0
NNW	1.2	.8	.4									2.3	4.7
VARIABLE													
CALP	////////////////////											56.8	////
TOTALS	9.7	15.1	10.4	5.8	1.5		.4	.4				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	.4	1.2										1.5	4.6
NNE	.4	.8	.4									1.5	5.5
NE	.4	1.5	.4		.4							2.7	7.1
ENE	4.2	3.5	2.7	.4								10.8	5.0
E	3.1	2.3	1.2		.4							6.9	4.6
ESE	.8	.4	.8									1.9	5.4
SE			.8	.4								1.2	9.1
SSE		.4	.4									.8	6.0
S			.4	.8								1.2	11.7
SSW					.4							.4	20.0
SW	.4		.4									.8	5.0
WSW			.4	.8		.8						1.9	17.4
W		1.2	2.7	1.9	1.2	.8						7.7	12.5
WNW	.8	1.2	.4	2.3								4.6	9.5
NW		.8	1.9	.4								3.1	8.1
NNW	.4	2.7	.8	.4								4.2	5.1
VARIABLE													
CALP	////////////////////											48.8	////
TOTALS	10.8	15.8	13.5	7.3	2.3	1.5						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 260

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LEST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.2	1.5	1.1								4.9	8.2
NNE	.4	.4	.4									1.1	6.2
NE				.7								.7	11.2
ENE	.7	1.1	1.9	1.1	.4							5.2	8.1
E	1.1	1.1	1.5	.4	.4							4.5	7.2
ESE		.7	.7									1.5	6.2
SE			1.1	.4								1.5	10.2
SSE	1.1	1.9	1.5		.4							4.9	6.2
S	1.5	1.5	1.1	1.1	.4							6.0	7.2
SSW	2.2	1.9	2.2	.7	.7							7.8	7.1
SW	.7	1.9	1.5	1.1	.4			.4				6.0	10.2
WSW		1.1	3.0	2.2	1.9	1.5	.4					10.1	14.4
W	.4	1.1	.7	3.0	3.4	2.6		.4				11.6	16.2
WNW		.4	.7	1.1	.4	.4	.4					3.4	14.2
NW		.7	.4		.4							1.5	8.2
NNW		.4	1.1	1.5								3.0	11.2
VARIABLE													
CALP	////////////////////											26.5	////
TOTALS	8.2	16.4	19.4	19.6	8.6	4.5	.7	.7				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 268

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	.4	2.2	.4	.4							4.1	8.5
NNE	.4		.4									.7	6.1
NE	.4	1.1										1.5	5.1
ENE	.4	1.5	.7	1.1	.4							4.1	8.5
E	.4		1.8									2.2	7.1
ESE		.7	.4	.7								1.8	9.1
SE		.4	.7	.4	.4							1.8	11.4
SSE	.4	1.5	1.5	1.8								5.2	8.8
S	1.1	1.1	1.1	.7	.4							4.4	7.1
SSW	2.6	3.7	1.8	.4	.4							8.9	5.8
SW	.4	4.1	3.3	.4								8.1	6.7
WSW		1.1	3.7	3.3	3.0	2.2	.7					14.0	15.3
W		.7	1.5	3.7	5.5	4.8	1.8					18.1	19.1
WNW	.4		1.1	1.1	.7							3.3	11.6
NW			2.2	.4								2.6	9.1
NNW		.7	1.1	.7	.4							3.0	9.8
VARIABLE													
CALP	////////////////////											16.2	////
TOTALS	7.1	17.0	23.6	15.1	11.4	7.0	2.6					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH
USAFETA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.1	1.1	.4								2.6	7.1
NNE		.7										.7	6.0
NE	.7	.4	.7									1.8	6.0
ENE	.4	2.2	1.8									4.4	6.1
E	1.8	.7	.4									2.9	3.8
ESE			1.1	.7	.4							2.2	12.2
SE	.7	.7	1.5	.7								3.7	7.8
SSE		.4		.4								.7	8.1
S		1.1	1.8	.7	.4							4.0	9.1
SSW	1.5	1.5		.4	.4							3.7	5.8
SW		1.1	.4		.4		.4					2.2	12.0
WSW	.4	1.5	1.1	.7		.4	.7					4.8	12.0
W		3.7	4.0	8.4	2.2	2.2						20.5	13.0
WNW	.7	3.7	2.9	1.8	.4	.4						9.5	9.1
NW	1.1	.7	.4	.7								2.9	6.1
NNW	.7	1.5	1.5	.4								4.0	5.5
VARIABLE													
CALP	////////////////////											29.3	////
TOTALS	8.1	20.5	18.7	11.4	4.0	2.9	1.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.4		.4								1.6	5.1
NNE	1.6	.4										2.0	3.0
NE		1.6										1.6	5.0
ENE	2.0	2.4	1.6	.8								7.7	5.4
E	2.0	2.4	.8	.8								6.9	4.5
ESE	.4			1.2								1.6	11.1
SE			.4									.4	8.0
SSE	.2	.4	.8									2.0	5.0
S	.4	.4										.8	4.5
SSW	.8	.4	.4	.4	.4							2.4	8.1
SW			.4	.8		.4						1.6	15.5
WSW			.4	1.2								1.6	13.1
W		2.0	1.2	2.8	1.6	1.2	.4	.4				9.7	15.0
WNW	.4	1.2	2.8	1.2								5.7	8.1
NW	.2	1.6	1.2									3.6	5.1
NNW	.2	1.2	.4	.8								3.2	6.5
VARIABLE													
CALP	////////////////////											47.4	////
TOTALS	12.6	14.6	10.5	10.5	2.0	1.6	.4	.4				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.0	.7	.3	.0							2.5	6.6
NNE	.9	.6	.2	.0								1.8	4.6
NE	.9	1.1	.3	.1	.0							2.1	6.0
ENE	2.2	2.5	1.7	.5	.1							7.1	5.6
E	1.8	2.4	1.1	.2	.1							5.6	5.2
ESE	.1	.2	.4	.4	.0							1.3	9.2
SE	.1	.7	.7	.3	.1							1.5	9.5
SSE	.3	.6	.5	.3	.0							1.8	7.6
S	.4	.6	.6	.4	.1		.0					2.3	8.5
SSW	1.0	1.0	.6	.3	.3	.1	.0	.0				3.4	8.0
SW	.2	1.0	.9	.4	.1	.1	.0	.1				2.8	9.8
WSW	.0	.5	1.3	1.3	.7	.7	.3					4.9	14.6
W	.1	1.5	1.7	3.0	2.1	1.8	.4	.1				10.8	15.2
WNW	.5	1.3	1.7	1.5	.2	.1	.0					5.4	9.2
NW	.3	1.2	1.1	.2	.0							2.9	6.8
NNW	.7	1.2	.8	.6	.0							3.3	6.5
VAR TABLE													
CALP	////////////////////											40.5	////
TOTALS	9.6	17.0	14.4	10.2	4.2	2.8	.9	.2				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 2040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	.4		.4	.4							2.6	6.3
NNE	1.1			.4								1.5	4.6
NE	.7	.7			.4							1.9	7.2
ENE	2.2	4.9	1.1	.7								9.0	5.7
E	1.5	1.9	1.5	.7								5.6	5.5
ESE		.4	.4	.4								1.1	8.0
SE													
SSE				.4								.4	11.0
S	.4											.4	3.0
SSW													
SW													
WSW				.7		.7	.4					1.9	21.4
W		1.1	1.9	1.9	.4			1.1				6.4	14.5
WNW	.4	.7	1.1	.4								2.6	6.5
NW	1.1	2.6		.7								4.5	5.5
NNW	1.5	1.9										3.4	4.0
VARIABLE													
CALP	////////////////////											58.8	////
TOTALS	10.5	14.6	6.0	6.7	1.1	.7	.4	1.1				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.8	.8		.4						2.3	7.1
NNE	1.6	1.6	.4								3.5	4.1
NE	.4	.4		.4	.4						1.6	9.8
ENE	3.5	3.5	4.3	.8							12.1	6.1
E	.8	2.7	1.2	.4							5.1	5.8
ESE		.8	.4								1.2	6.0
SE		.4									.4	6.0
SSE												
S												
SSW		.4									.4	5.0
SW												
WSW					.8	.8					1.6	21.8
W	.4	.4	1.2	.8		1.2	.4	.4			4.7	16.1
WNW		1.2	1.6	.8	.8						4.3	9.5
NW	.8	2.7	1.2	.4							5.1	6.2
NNW	.8	1.6									2.3	4.2
VARIABLE												
CALP	////////////////////										55.5	////
TOTALS	8.6	16.4	10.9	1.5	2.3	2.0	.4	.4			100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 256

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.0		.7									1.7	5.6
NNE	.3	2.1		.3								2.8	5.5
NE	1.4	.3	.7	.3								2.8	6.0
ENE	2.1	3.1	2.8	1.4								9.4	6.6
E	.7	2.1	1.0	1.0								4.9	7.2
ESE	.3			.3								.7	8.0
SE			.3									.3	8.6
SSE													
S			.3									.3	10.0
SSW	.3		.3									.7	6.5
SW	.3											.3	2.0
WSW			.3			.7						1.0	19.1
W	.3	.7	2.1	.7	1.0	.3		.3				5.6	13.1
WNW	1.0	.3	.7	1.0								3.1	7.6
NW	.3	1.0	1.0									2.4	5.6
NNW	.7	.7	1.4	.7								3.5	7.1
VARIABLE													
CALP	////////////////////											60.1	////
TOTALS	9.1	10.5	11.9	5.9	1.0	1.0		.3				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N		.3	.3	.7							1.4	10.5
NNE		.7		.3							1.0	8.2
NE		.7									.7	4.0
ENE	1.7	2.1	2.1	1.4							7.2	6.5
E	3.4	2.4	1.4	1.4							8.6	6.0
ESE		.7		.3							1.0	9.0
SE	.3		.7	.7							1.7	8.6
SSE	.7	.7	1.0								2.4	5.1
S		1.7		.3							2.1	6.5
SSW				.3	.3						.7	17.0
SW		.3	.3	.3		.3					1.4	14.6
WSW			1.4	.7		.3					2.4	11.4
W	.7	1.4	2.1	2.1	1.0	.3	.3		.3		8.2	12.6
WNW	.3	1.0	.7	2.4		.3					4.8	10.5
NW	.3	.7	1.0	.7							2.7	8.2
NNW		.3	.3	.7	.3						1.7	10.6
VAR IABLE												
CAL P	////////////////////										51.9	////
TOTALS	7.6	13.1	11.3	12.4	1.7	1.4	.3		.3		100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.3		1.4							1.7	12.0
NNE	.3		.7								1.0	7.0
NE	.3	.3	.3								1.0	5.0
ENE		1.0	.3	1.0	.3						2.7	10.0
E	.7	1.7	.7	1.4							4.4	8.2
ESE		.3		.3	.3						1.0	12.7
SE			1.0	.7		.3					2.0	12.2
SSE	1.7	1.0	.7	1.7							5.1	7.4
S	1.7	6.4	2.4	1.7							12.2	6.1
SSW	3.7	1.0	3.0	1.0							8.8	6.0
SW	.7	2.4	4.4	3.0	1.0	1.0					12.5	10.0
WSW	.3	1.4	4.7	6.4	6.4	2.0	.3	.3			22.0	14.0
W		2.4	1.4	1.7	3.0	1.0	.7	.3			10.5	15.1
WNW		.3		1.0			.3				1.7	16.0
NW			.7								.7	9.0
NNW	.7	.3	1.4	.7	.3						3.0	9.9
VARIABLE												
CALP	////////////////////										9.8	////
TOTALS	9.8	18.9	21.6	22.0	11.5	4.4	1.4	.7			100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N		.7	1.7	1.0	.3							3.8	11.0
NNE			.3									.3	8.0
NE				.7		.3						1.0	16.1
ENE	1.0		.7	.3								2.1	5.1
E		.3	.3	1.4								2.1	10.1
ESE		.3	.7	1.0	.3							2.4	12.0
SE			.3	.3								.7	11.5
SSE	.7	.7	.3	.7								2.4	7.0
S	2.4	2.4	2.7	.7	.7							8.9	7.0
SSW	2.4	2.4		.3		.3						5.5	5.1
SW	1.7	2.1	3.1	2.1	1.4	.3						10.7	9.5
WSW	.7	2.1	3.8	6.5	6.9	2.7	1.0					23.7	15.1
W	.7	1.4	1.4	5.2	3.1	6.2	.7					18.6	17.0
WNW			.7	1.0			.3					2.1	15.0
NW			.7	.7		.3	.3					2.1	16.1
NNW		.3	.7	1.0	.7	.7						3.4	14.5
VARIABLE													
CALP	////////////////////											10.3	////
TOTALS	9.6	12.7	17.5	23.0	13.4	11.0	2.4					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(1ST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.0	1.4	1.4							5.1	7.7
NNE			.3								.3	7.0
NE												
ENE	.7	1.4	1.0	1.7							4.7	8.1
E	.3	1.0	1.0	.3							2.7	6.4
ESE		1.0	.7	.7							2.4	8.1
SE		.3	.3		.3						1.0	10.0
SSE	1.0	1.0	1.0	.3							3.4	6.4
S	1.0	.3	.7	.3							2.4	5.7
SSW	.7	.3	.3	.7							2.0	6.5
SW	.3	.7	1.4	.7	.3						3.4	9.1
WSW	.3	2.4	3.4	3.4	.3	.3	.3				10.5	10.6
W	.7	1.7	3.7	9.5	5.4	.7	.3				21.6	13.6
WNW		2.0	1.0	2.4	.3						5.7	10.0
NW	.3	1.7	1.0	1.4		.3					4.7	9.1
NNW	.7	1.7	.7	.7	.3	.3					4.4	9.1
VARIABLE												
CALP	////////////////////										25.7	////
TOTALS	6.1	17.6	17.9	23.3	7.1	1.7	.7				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	.4	1.8	.7	.4								3.2	6.4
NNE	.7	.7	.7									2.1	5.5
NE	.4	.7				.4						1.4	9.0
ENE	3.2	2.8	.7	.7	.4							7.7	5.6
E	4.4	2.1	1.4	.4								8.8	4.5
ESE		1.1		.4								1.4	7.1
SE		.4	.4									.7	6.5
SSE	.4			.4								.7	8.5
S			.4									.4	7.0
SSW													
SW		.7	.4	.7	.4							2.1	10.6
WSW			.4	.4								.7	11.0
W	.7	.7	3.2	1.8	.4	1.1	.7					8.5	12.5
WNW	1.4	3.2	2.5	1.1	1.1							9.2	8.1
NW	1.4	1.1	.7									3.2	4.6
NNW	.4	2.1		1.1								3.5	6.6
VARIABLE													
CALP	////////////////////											46.5	////
TOTALS	13.7	17.3	11.3	7.0	2.1	1.4	.7					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(1ST): ALL

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-63
N	.4	.8	.7	.7	.1							2.7	8.1
NNE	.5	.6	.3	.1								1.5	5.6
NE	.4	.4	.1	.2	.1	.1						1.3	8.0
NNE	1.8	2.3	1.6	1.0	.1							6.7	6.6
E	1.5	1.8	1.1	.9								5.2	6.1
ESE	.0	.6	.3	.4	.1							1.4	9.2
SE	.0	.1	.4	.2	.0	.0						.9	9.6
SSE	.6	.4	.4	.4								1.9	6.5
S	.7	1.4	.8	.4	.1							3.4	6.4
SSW	.9	.5	.5	.3	.0	.0						2.3	6.1
SW	.4	.8	1.2	.9	.4	.2						3.9	10.4
WSW	.2	.7	1.8	2.3	1.9	1.0	.3	.0				8.2	14.5
W	.4	1.2	2.1	3.0	1.9	1.4	.4	.3	.0			10.7	14.6
WNW	.4	1.1	1.0	1.3	.3	.0	.1					4.2	9.5
NW	.5	1.2	.8	.5		.1	.0					3.1	7.6
NNW	.5	1.1	.6	.6	.2	.1						3.2	8.4
VARIABLE													
CALM	////////////////////////////////////										39.2	////	
TOTALS	9.4	15.1	13.7	13.3	5.2	3.0	.8	.3	.0		100.0	6.6	

TOTAL NUMBER OF OBSERVATIONS: 2267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.4									1.2	5.1
NNE	.4	.4	.4									1.2	4.2
NE	.4	.4	1.2	.4								2.4	8.0
ENE	2.8	3.2	4.8	.8								11.5	6.2
E	.8	1.2	1.2	.4								3.6	5.5
ESE		.4										.4	4.0
SF			.4									.4	8.0
SSE													
S													
SSH			.8									.8	10.0
SE		.4										.4	6.0
SEH				.4	.4							.8	15.0
S	.4	1.6	1.2	1.2	.4							4.8	9.2
SSE	1.2	2.0	1.2	.8								5.2	6.2
SE	.4	.8										1.2	4.0
SEH	2.0	2.0	.8									4.8	4.2
VARIABLE													
CALP	////////////////////											61.5	////
TOTALS	8.7	12.7	12.3	4.0	.8							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.5										3.3	4.3
NNE	.8	.4	.4									1.7	4.5
NE	.8		.4	.8								2.1	7.6
ENE	2.5	3.7	2.9	2.5								12.1	6.6
E	.4	3.3	.8	.4								5.0	5.6
ESE		.8										.8	5.5
SE													
SSE													
S													
SSW													
SW		.4										.4	5.0
WSW						.4						.4	23.0
W	.4	.8	1.7	.8	.4	.8						5.0	11.1
WNW	.4	1.7	1.7	.4								4.2	6.6
NW	.4	2.1	1.2									3.7	5.1
NNW	.8	.4										1.2	3.7
VARIABLE													
CALP	////////////////////											60.0	////
TOTALS	7.5	16.2	9.2	5.0	.4	1.2						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	.3									1.4	3.0
NNE	2.8	1.0	.7								4.5	3.6
NE		1.4	1.0		.3						2.8	7.5
NNE	2.1	4.5	3.0	1.4							11.8	6.5
E	2.4	1.4	.7	1.4							5.9	5.5
ESE	.7		.3								.7	6.0
SE												
SSE												
S			.3								.3	10.0
SSW												
SW					.3						.3	20.0
WSW												
W		1.4	2.1	1.0	.3						4.9	9.4
WNW	.7		1.7	.3							2.8	7.4
NW	1.4	1.4									2.8	3.5
NNW	1.0	1.0	.3								2.4	4.1
VARIABLE												
CALP	////////////////////										59.2	////
TOTALS	11.9	12.5	11.1	4.2	1.0						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.7	1.0									2.1	7.4
NNE	.3	1.0										1.4	5.0
NE	.3	.3	.7									1.4	6.3
ENE		2.1	2.1	3.1								7.3	9.8
E	.3	1.4	1.4	.3			.3					3.8	9.4
ESE	.7		.3									1.0	4.3
SE	.3	1.4	.7	.3								2.8	6.4
SSE	.7	1.7	.3	.7								3.5	6.2
S	1.7	1.7	.7									4.2	4.2
SSW	1.0	.3	.3	.3								2.1	5.3
SW	.7	.3	.7		.7	.3						2.8	10.6
WSW	.7	.3	2.8	1.4	.7	.3	.3					6.6	11.6
W		.3	3.8	3.8	2.8	.3						11.1	12.5
WNW		.7	1.0									1.7	6.0
NW		.7	1.4	.7								2.8	8.1
NNW	.3	.3	1.4	.3								2.4	7.6
VARIABLE													
CALP	////////////////////////////////////											43.1	////
TOTALS	7.6	13.5	18.7	11.1	4.2	1.0	.7					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7A-87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	.7	1.1	.4								2.5	7.1
NNE		.4	.4	.4								1.1	8.2
NE		.4										.4	6.0
ENE		.7	1.1	1.4								3.2	10.1
E	.4	.4	.7	1.1	.4		.4					3.2	12.6
ESE			.4	.4								.7	9.5
SE	.7	.4	1.1									2.1	6.2
SSE	.7	.4	.7	1.8								3.5	9.4
S	1.1	2.8	1.4	2.1								7.4	7.1
SSW	2.8	5.3	2.8	1.8								12.7	6.2
SW	.7	1.8	3.2	6.3	.7	.7	.4					13.7	11.6
WSW	.4	3.2	2.5	4.8	4.6	4.6	1.8					25.7	15.5
W	.4	.7	1.4	2.8	2.1	3.2	1.4					12.0	18.0
WNW				.7	.7							1.4	15.0
NW													
NNW				.4								.4	12.0
VARIABLE													
CALP	////////////////////////////////////										10.2	////	
TOTALS	7.4	16.9	16.5	28.2	8.5	8.5	3.9					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.3	.3	.7								1.7	8.1
NNE		.3			.3							.7	12.5
NE		.3										.3	5.0
ENE		.7	1.0	2.1								3.8	11.2
E		.3	.3	.3		.3						1.4	13.0
ESE	.3	.3	.3	.3	.3							1.7	10.6
SE		.7	.3			.3						1.4	11.0
SSE	.3			1.0	.7							2.1	13.2
S	.3	1.4	2.4	3.1	.7	.3						8.4	11.2
SSW	2.8	3.1	.3	1.0								7.3	5.2
SW	1.7	2.8	1.0	1.4								7.0	7.1
WSW	1.4	1.0	1.7	9.4	5.9	8.0						27.6	17.0
W	.3	.7	1.4	4.2	6.3	4.9	2.8					20.6	19.3
WNW					.3							.3	20.0
NW		.3		.3								.7	8.0
NNW			.7	.3								1.0	9.3
VARIABLE													
CALP	////////////////////											13.6	////
TOTALS	7.7	12.6	10.1	24.5	14.7	14.0	2.8					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	1.7	.3	.3								2.8	6.1
NNE		.7	.3	.3								1.4	8.1
NE		.3		1.0								1.4	11.0
ENE		1.0	2.4	1.0	.3							4.8	9.2
E		.7	1.0	.3								2.1	7.5
ESE	.7	.3	.7	.3	.3							2.4	8.1
SE	1.0	.3	.7	.3								2.4	6.0
SSE		.7	1.4	.7								2.8	8.1
S	.7	2.1	1.4									4.1	5.5
SSW	1.0	1.7	.7									3.4	5.0
SW	.7		1.0	.3								1.7	8.0
WSW	.7	.3	1.4	4.1	2.4	1.4						10.3	14.1
W	.7	1.7	3.4	10.0	9.0	3.4						28.3	15.0
WNW		.3	1.0	.7	.3		.3					2.8	13.0
NW		1.0	.3	.3								1.7	6.6
NNW		.7	.3	.3								1.4	7.5
VAR TABLE													
CALP	////////////////////											26.2	////
TOTALS	5.5	13.8	16.6	20.3	12.4	4.8	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	.8	1.9	1.1								3.8	5.0	
NNE	.4	.4	.8	.4							1.9	6.8	
NE	.4	.4		1.5							2.3	9.8	
ENE	1.5	3.4	1.9	1.5	.4						8.7	7.8	
E	1.5	3.0	1.5	.4							6.4	5.4	
ESE	.8	.8	.4								1.9	5.0	
SE	.4										.4	3.0	
SSE		.4									.4	6.0	
S		.4									.4	6.0	
SSW		.4									.4	4.0	
SW			.4								.4	7.0	
WSW	.4	.4	.4	.4							1.5	7.8	
W		.8	3.0	2.3	1.5	.8					8.3	12.5	
WNW	.4	2.3	3.8	.8							7.2	7.1	
NW	1.5	1.9	.8	.4							4.5	5.1	
NNW	1.1		1.1								2.3	5.8	
VARIABLE													
CALV	////////////////////////////////////											49.2	////
TOTALS	9.1	16.8	15.2	7.6	1.9	.8					100.0	3.8	

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.0	.5	.2								2.3	5.5
NNE	.6	.6	.4	.1	.0							1.7	5.7
NE	.2	.5	.4	.5	.0							1.6	8.1
ENE	1.1	2.4	2.5	1.7	.1							7.8	7.8
E	.7	1.4	1.0	.6	.0	.0	.1					3.9	7.4
ESE	.4	.3	.3	.1	.1							1.2	7.3
SE	.3	.4	.4	.1		.0						1.2	6.5
SSE	.2	.4	.3	.5	.1							1.6	8.5
S	.5	1.1	.8	.7	.1	.0						3.2	8.0
SSW	1.0	1.4	.6	.4								3.5	5.8
SW	.5	.7	.8	1.0	.2	.1	.0					3.5	10.1
WSW	.5	.7	1.1	3.2	1.8	1.9	.3					9.5	15.6
W	.3	1.0	2.3	3.4	3.0	1.7	.5					12.2	15.1
WNW	.3	.8	1.3	.5	.2		.0					3.1	8.1
NW	.5	1.0	.5	.2								2.1	5.5
NNW	.6	.5	.6	.2								2.0	5.5
VARIABLE													
CALP	////////////////////											39.6	////
TOTALS	8.2	14.3	13.8	13.5	5.7	3.9	1.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 2191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(1ST): 0000-0200

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	.2										.8	2.1
NNE	.4	1.6									2.0	4.0
NE	.4	1.2		.8							2.4	6.5
ENE	1.6	2.0	4.3	.4	.4						9.5	6.8
E	.4		.4	.4							1.2	8.3
ESE				.4							.4	15.0
SE	.4										.4	3.0
SSE		.4									.4	5.0
S												
SSW												
SW			.4								.4	7.0
WSW	.4			.4	.4						1.2	11.2
W		.8	.4	1.6	.8	.4					4.0	13.4
WNW	1.2	.8	1.2	.4							3.6	6.1
NW	.4	1.2	.4								2.0	4.4
NNW	.4	.8	.4								1.6	4.5
VARIABLE												
CALP	////////////////////////////////////										70.4	////
TOTALS	6.3	9.5	7.5	4.3	1.6	.4					100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 253

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN KIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.4										1.3	3.1
NNE	.2	.8	.4									2.1	4.6
NE	.4	.8	1.3									2.5	6.1
ENE	2.1	1.3	3.0	.4		.4						7.2	7.2
E	.4	.4		.8	.4							2.1	10.0
ESE				.4								.4	15.0
SE	.4											.4	3.0
SSE													
S													
SSH													
SW	.4				.4							.8	11.0
WSW				.8								.8	13.0
W		.8	.8	.8	.4	.8	.4					4.2	14.0
WNW	.2	.8	.8	.4								3.0	6.4
NW	.2	1.3		.4								2.5	5.0
NNW	.4	1.7										2.1	4.2
VARIABLE													
CALP	////////////////////											70.5	////
TOTALS	7.6	8.4	6.3	4.2	1.3	1.3	.4					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 237

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.3									.7	3.1
NNE	1.0	.7									1.7	3.6
NE	1.0	1.0	.7	.3							3.1	5.1
ENE	3.4	1.7	1.7	3.7	.7						11.2	8.2
E	.7	1.0	.3	.3							2.4	5.5
ESE												
SE												
SSE	.3										.3	2.0
S												
SSW		1.0									1.0	4.1
SW		.3		.3							.7	10.0
WSW					.3	.3					.7	21.0
W		.3	.7	2.0	.7	.7					4.4	14.4
WNW	1.0	1.4		.3							2.7	4.6
NW		.7	.3								1.0	5.1
NNW	.7	.7	.3								1.7	4.2
VARIABLE												
CALP	////////////////////										68.4	////
TOTALS	8.5	9.2	4.1	7.1	1.7	1.0					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0900-1100

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.3	.3									.7	7.0
NNE		.3	.3									.7	6.0
NE		1.0	1.0									2.0	6.0
ENE		1.0	1.0	2.0	.3							4.4	10.7
E	.3	.7	1.7	1.4								4.1	9.0
ESE		.3	.3	.3	.3							1.4	11.1
SE	.7	.3	.3	.3	.3							2.0	8.0
SSE	1.7	1.0		.3								3.0	4.1
S	4.7	2.0	1.0									7.8	3.1
SSW	1.4	2.0	2.0	.7								6.1	6.2
SW	3.4	2.4	3.4	1.4					.3			10.8	7.4
WSW	.7	4.1	1.4	3.4	.3	.7	.3					10.8	10.2
W	.3	1.7	1.0	1.7	1.4	.7	.3					7.1	13.1
WNW		.3	.3	.3								1.0	8.0
NW	.3	.3		.3								1.0	6.2
NNW			.3	.3								.7	11.0
VARIABLE													
CALP	////////////////////////////////////										36.5	////	
TOTALS	13.5	17.9	14.5	12.5	2.7	1.4	.7		.3			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.3									1.0	3.7
NNE			.3								.3	9.6
NE			.3								.3	8.6
ENE			1.7	1.4							3.1	10.8
E			.7								.7	8.5
ESE			.7								.7	9.6
SE			2.0	1.4	.3						3.7	11.4
SSE	.3	1.4	1.0	1.4							4.1	7.8
S	1.7	4.1	2.4	1.7	.3	.3					10.5	7.5
SSW	3.1	5.8	2.7	.3	.3	.3					12.6	5.5
SW	.3	2.0	3.7	7.1	2.0	.7	.3				16.3	12.1
WSW	1.0	2.0	7.5	6.5	6.1	3.7	.7				27.6	14.4
W		.3	2.0	1.4	2.4	2.4	.7				9.2	17.5
WNW				.3							.3	14.6
NW		.3	.3								.7	7.6
NNW		.3									.3	6.6
VARIABLE												
CALP	////////////////////////////////////										8.5	////
TOTALS	7.1	16.7	25.5	21.4	11.6	7.5	1.7				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.3	.3	.3								1.0	9.1
NNE				.3								.3	11.0
NE		.3	.3									.7	7.0
ENE			1.0	.7	.3							2.0	12.0
E			1.4	.7								2.0	10.2
ESE		.7	.7	.3								1.7	8.0
SE		1.0	.7	.7								2.4	8.1
SSE	.3	2.4	2.0	1.0		.3						6.1	8.2
S	1.0	3.4	1.4	.7	.3	.3						7.2	7.5
SSH	2.7	5.8	1.7	.3		.7						11.3	6.2
SW	1.0	4.1	3.1	3.4	1.7	.7						14.0	10.2
WSW	.7	2.4	4.8	4.4	5.8	3.8	1.7					23.5	15.0
W		1.0	2.7	1.4	4.1	4.1	1.7					15.0	18.5
WNW				.7								.7	13.5
NW													
NNW				.3								.3	13.0
VARIABLE													
CALP	////////////////////											11.6	////
TOTALS	5.0	21.5	20.1	15.4	12.3	9.9	3.4					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS: 293

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-66
N		1.0	.7	.7	.3							2.7	9.5
NNE		.3		.7								1.0	9.2
NE		.3	.7	.3								1.4	8.2
ENE		.3	.7	1.0		.3						2.4	12.6
E	.3	1.0	1.7			.3						3.4	8.2
ESE		.3		.3								.7	8.5
SE	.3	1.0		.7	.3							2.4	8.6
SSE	1.0	1.0	1.0									3.0	4.5
S	2.4	2.4	1.0	.7		.3						6.8	6.4
SSW	2.0	1.7	1.7	.3	.7							6.4	6.7
SW	1.4	1.7	1.7	1.4								6.1	7.1
WSW	.3		2.4	3.0	2.4							8.1	13.1
W	1.0	1.0	1.7	5.1	4.0	2.7	.3					16.2	15.2
WNW		1.0	.3	.7								2.0	8.5
NW		.3	.3									.7	6.0
NNW			1.4	.7								2.0	9.5
VARIABLE													
CALP	////////////////////////////////////											34.8	////
TOTALS	8.8	13.5	15.2	15.5	8.1	3.7	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.2	.8									2.0	6.4
NNE	.8	.8										1.6	3.6
NE	.8	1.2		.8								2.8	6.6
ENE	.8	.4	4.0	.4								5.6	7.2
E	1.6	1.2		.8	.8							4.4	8.1
ESE													
SE													
SSE			.4									.4	7.0
S	.4											.4	3.0
SSW		.4										.4	6.0
SW				.8								.8	13.6
WSW	.4		.4	.4	.4							1.6	11.2
W	.8	1.2	3.2	2.4	.4							8.0	9.2
WNW	.4	.8	1.2	.4								2.8	6.8
NW	.8	.8										1.6	3.6
NNW	.4	1.2										1.6	4.2
VARIABLE													
CALP	////////////////////											66.0	////
TOTALS	7.2	9.2	10.0	6.0	1.6							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 250

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.5	.3	.1	.0						1.3	6.7
NNE	.4	.5	.1	.1							1.2	5.2
NE	.3	.7	.5	.3							1.9	6.6
ENE	.9	.9	2.1	1.3	.2	.1					5.6	8.6
E	.5	.5	.8	.5	.1	.0					2.5	8.5
ESE		.2	.2	.2	.0						.7	10.2
SE	.2	.3	.4	.4	.1						1.5	9.1
SSE	.5	.8	.6	.4		.0					2.3	6.6
S	1.4	1.6	.8	.4	.1	.1					4.3	6.3
SSW	1.2	2.2	1.1	.2	.1	.1					5.0	6.1
SW	.9	1.4	1.6	1.9	.5	.2	.0		.0		6.6	9.6
WSW	.5	1.1	2.2	2.5	2.1	1.1	.4				9.8	14.6
W	.3	.9	1.6	2.1	1.9	1.5	.5				8.7	15.2
WNW	.4	.6	.5	.5							1.9	7.6
NW	.3	.6	.2	.1							1.1	5.2
NNW	.2	.5	.3	.2							1.3	6.2
VARIABLE												
CALP	////////////////////////////////////										44.3	////
TOTALS	8.2	13.5	13.2	11.2	5.3	3.3	.9		.0		100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 2213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE		.8									.8	4.5
NE	.4	.4	.4								1.1	5.1
ENE		1.5	.4								1.9	6.0
E		.4	.4								.8	6.0
ESE		.4									.4	5.0
SE		.4									.4	4.0
SSE		.4									.4	4.0
S												
SSW			.4								.4	10.0
SW												
WSW		.4									.4	4.0
W		1.9	.8		.4						3.1	7.5
WNW	.4	1.5				.4					2.3	7.2
NW	.8	1.1									1.9	4.2
NNW	1.1	.8									1.9	3.6
VARIABLE												
CALF	////////////////////////////////////										84.4	////
TOTALS	2.7	9.9	2.3		.4	.4					100.0	.5

TOTAL NUMBER OF OBSERVATIONS: 262

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7R-87
MONTH: JUN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	.8										2.4	3.0
NNE	.4	.8	.8									2.0	5.4
NE	2.0	.8	.8									3.6	4.1
ENE	2.0	1.2	1.2									4.4	4.5
E	1.2	.8		.4								2.4	5.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W	.4	1.6		.4	.4							2.8	7.1
WNW		.8										.8	5.5
NW	.8	1.2										2.0	4.6
NNW	.4	.8	.4									1.6	5.0
VARIABLE													
CALP	////////////////////											78.2	////
TOTALS	8.7	8.7	3.2	.8	.4							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(157): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.7	.3									2.4	3.5
NNE	.7	.7										1.4	3.6
NE	1.0	.3	.3									1.7	4.6
ENE	1.7	.7	.3									2.8	3.5
E	1.0	.7	.3									2.1	4.2
ESE													
SE													
SSE		.3										.3	6.0
S													
SSW													
SW		.3	.3									.7	5.5
WSW													
W		.7	.3	1.0	.3							2.1	12.2
WNW	.3	.3										.7	4.0
NW	.3	.3	.3									1.0	4.2
NNW			.7									.7	8.2
VAR IABLE													
CALM	////////////////////////////////////											84.0	////
TOTALS	6.6	4.9	3.1	1.0	.3							100.0	.5

TOTAL NUMBER OF OBSERVATIONS: 208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LOCAL): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N													
NNE			.4									.4	7.0
NE			.4									.4	8.0
ENE	.4	.7	.4									1.4	5.5
E	.7	.7		.4								1.8	5.2
ESE			.4	.4								.7	11.0
SE	.7	.4	.4									1.4	4.8
SSE	2.1	1.1										3.2	3.0
S	3.5	4.6	1.1									9.1	4.0
SSW	3.5	3.9	2.5									10.2	4.6
SW	2.8	3.9	3.2	1.4	.7							11.9	7.0
WSW	.7	2.8	2.5	3.5	1.1	.4						10.9	10.0
W	1.4	1.8	1.4	1.8	.4	.4						7.0	9.0
WNW				.7								.7	14.0
NW													
NNW			.4									.4	9.0
VARIABLE													
CALM	////////////////////											40.7	////
TOTALS	16.1	19.6	12.6	8.1	2.1	.7						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JULY HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N						.3					.3	18.0
NNE		.3	.3								.7	6.5
NE												
ENE			.3								.3	8.0
E		.3									.3	4.0
ESE		.3	.7								1.0	6.7
SE		.3	.3	.3							1.0	8.3
SSE	.3	.3	1.0	1.0							2.7	8.8
S	1.7	2.4	1.4	1.0							6.5	6.2
SSW	7.5	10.6	2.7	.3							21.2	4.5
SW	1.7	3.4	6.2	4.8	1.7						17.8	9.2
WSW	.7	2.7	5.8	11.6	6.5	4.8	1.4				33.6	14.5
W		.7	1.4	1.7	1.0	1.4					6.2	14.7
WNW												
NW												
NNW				.3							.3	11.0
VARIABLE												
CALM	////////////////////										7.9	////
TOTALS	12.0	21.6	20.2	21.2	9.6	6.2	1.4				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7	.4								1.1	5.1
NNE		.4									.4	5.0
NE												
ENE			.4								.4	10.0
E												
ESE												
SE	.4	.7		.4							1.4	6.5
SSE		1.4	.4	.4	.7						2.9	8.6
S	.4	1.4	.7	1.4	.4						4.3	8.6
SSW	5.0	8.2	2.5	1.4							17.2	5.5
SW	1.0	6.5	4.3	3.6	2.5	.4					19.0	9.2
WSW	.7	2.9	4.3	4.3	7.5	7.5	.7				28.0	16.2
W		2.2	1.4	2.9	1.1	3.9	.4				11.8	16.2
WNW			.4								.4	10.0
NW	.4										.4	2.0
NNW												
VARIABLE												
CALP	////////////////////										12.9	////
TOTALS	8.6	24.4	14.7	14.3	12.2	11.4	1.1				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N			.4	1.1	.4							1.8	12.4
NNE		.4										.4	5.4
NE													
ENE			.4	.4								.7	11.5
E				.4								.4	11.4
ESE		.4	.4									.7	7.4
SE		.4	2.1									2.5	7.4
SSE	.7	2.9	1.1	.7								5.4	6.1
S	2.1	2.1	1.1									5.4	4.4
SSW	1.1	3.2	.7									5.0	4.4
SW	1.1	1.1	1.8		.4							4.3	6.4
WSW	.7	1.8	2.9	3.9	2.9	2.1						14.3	13.2
W	1.1	2.1	3.2	5.0	4.3	1.1	.4					17.1	13.2
WNW		.4		.4								.7	10.5
NW		.4		.4								.7	8.5
NNW			1.8	1.1								2.9	10.5
VAR IABLE													
CALP	////////////////////											37.9	////
TOTALS	6.2	15.0	15.7	13.2	7.9	3.2	.4					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(1ST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.1	1.1								2.2	7.1
NNE	.4	.7									1.1	3.1
NE		.4	.7								1.1	6.2
ENE	.4	1.5									1.9	4.0
E	1.1	1.1									2.2	3.5
ESE			.4								.4	8.0
SE	.7										.7	3.0
SSE	.4	.4		.4							1.1	6.7
S	.7										.7	3.0
SSW	.4	.4									.7	3.0
SW		.4		.4							.7	8.0
WSW	.4	.7	.7	.7	.4						3.0	9.8
W		1.9	2.2	1.9	.4						6.4	9.0
WNW	.4	.7									1.1	3.1
NW	.4	1.1									1.5	4.8
NNW	.7	2.2	.4								3.4	4.5
VARIABLE												
CALP	////////////////////////////////////										71.5	////
TOTALS	6.0	12.7	5.6	3.4	.7						100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 169530 STATION NAME: CELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.4	.3	.1	.1						1.3	6.1
NNE	.2	.5	.2								.9	4.8
NE	.4	.2	.3								1.0	5.0
ENE	.5	.7	.4	.0							1.7	5.2
E	.5	.5	.1	.1							1.2	4.8
ESE		.1	.2	.0							.4	7.7
SE	.2	.3	.4	.1							1.0	6.1
SSE	.5	.9	.3	.3	.1						2.0	6.5
S	1.1	1.4	.5	.3	.0						3.4	5.5
SSW	2.1	3.4	1.1	.2							7.1	4.5
SW	1.0	2.0	2.0	1.3	.7	.0					7.0	8.5
WSW	.4	1.5	2.1	3.1	2.4	1.9	.3				11.6	14.1
W	.4	1.5	1.4	1.9	1.0	.9	.1				7.1	12.4
WNW	.1	.5	.0	.1		.0					.8	7.1
NW	.3	.5	.0	.0							.9	4.8
NNW	.3	.5	.5	.2							1.4	6.8
VAR IABLE												
CALM	////////////////////////////////////										51.3	////
TOTALS	8.5	14.7	9.9	8.0	4.3	2.9	.4				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 2205

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

MONTH: JLL MONTH(S): 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.1											1.1	2.7
NNE	.4	.4										.8	4.0
NE	.4	.4										.8	3.0
ENE	1.1											1.1	2.3
E	.4											.4	2.0
ESE	.4											.4	2.0
SE	.4											.4	2.0
SSE													
S		.4										.4	6.0
SSW													
SW													
WSW		.4										.4	6.0
W	.2	.4	.4									1.5	5.3
WNW	.4	.4	.4									1.1	5.7
NW	.4	.4										1.1	3.7
NNW		.8	.8									1.5	5.6
VARIABLE													
CALP	////////////////////											88.9	////
TOTALS	6.1	3.4	1.5									100.0	.5

TOTAL NUMBER OF OBSERVATIONS: 262

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MJC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAL MONTHS: 11: 0300-0600

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	.2	1.2										2.0	3.6
NNE	.4	1.2										1.6	4.1
NE	1.2											1.2	3.6
ENE		.8										.8	5.6
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W			1.6									1.6	4.6
WNW			1.6									1.6	5.1
W	.2		.4									1.2	3.1
WNW	.2											.8	2.6
VARIABLE													
CALM	////////////////////											89.0	////
TOTALS	4.1	6.5	.4									100.0	.4

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	.7										1.4	3.1
NNE		.3										.3	5.0
NE	.7	.3										1.0	3.1
ENE	1.0	.7	.3									2.1	4.0
E	.3											.3	2.0
ESE													
SE													
SSE													
S													
SSW													
SW		.3										.3	4.0
WSW	.3											.3	3.0
W	.7	.7	1.0									2.1	6.0
WNW	.7	.3										1.0	2.1
NW	1.0											1.0	3.0
NNW	.3	.3										.7	4.0
VAR IABLE													
CALP	////////////////////											89.3	////
TOTALS	5.5	3.0	1.4									100.0	.4

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATE DATA BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N			1.0								1.0	8.1
NNE												
NE	.2	.3									.7	3.0
ENE	.7	.3	.3								1.4	4.1
E												
ESE		.3									.3	5.0
SE	.1		.3								.7	5.0
SSE	.7	.7	.7								2.0	5.0
S	3.1	3.0	.3								7.2	4.1
SSW	3.4	5.8	1.4	.3							10.9	4.1
SW	3.1	4.8	3.8	.3	.3						12.3	5.8
WSW	2.0	2.7	4.1	1.7	.3						10.9	7.1
W	.1	1.0	1.4	2.7							5.5	10.0
WNW			.3								.3	7.0
NW			.3								.3	7.0
NNW	.2			.3							.7	6.5
VARIABLE												
CALM	////////////////////////////////////										45.7	////
TOTALS	14.1	19.8	14.0	5.5	.7						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
 MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N													
NNE													
NE													
ENE													
E													
ESE			.3								.3	8.0	
SE		.7	.7								1.3	6.2	
SSE		.3		.3							.7	9.2	
S	1.0	6.0	2.3								9.3	5.2	
SSW	3.0	6.3	7.3	.7							17.2	6.2	
SW	2.6	6.6	9.3	8.3	1.7	.3					28.8	9.1	
WSW	.7	2.6	6.0	12.6	3.3	2.3					27.5	12.5	
W	.7	1.3	1.0	4.0	1.3	1.7	.3				9.9	14.2	
WNW													
NW													
NNW				.3							.3	11.0	
VARIABLE													
CALP	////////////////////										4.6	////	
TOTALS	7.6	23.8	26.8	26.2	6.3	4.3	.3				100.0	9.2	

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			.3	.3								.7	11.0
NNE													
NE													
ENE													
E			.3									.3	7.0
ESE		.3										.3	5.0
SE		.3										.3	6.0
SSE	1.0	1.0		.3								2.4	5.0
S	1.4	3.4	3.1	.3								8.1	6.0
SSW	3.1	6.4	4.4	1.4	.3	.3						15.9	6.5
SW	1.7	3.7	9.5	4.4	.7	.7	.3					21.0	9.0
WSW	1.7	2.7	5.4	6.8	5.8	4.4	.7					27.5	13.5
W		2.4	1.4	2.0	2.0	3.4	.3					11.5	16.0
WNW				.3								.3	15.0
NW				.3								.3	12.0
NNW				.7								.7	14.0
VARIABLE													
CALP	////////////////////											10.5	////
TOTALS	8.8	20.3	24.4	16.9	8.8	8.8	1.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LEST): 1400-2000

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			.3	1.0								1.3	11.1
NNE				.3								.3	12.1
NE		.3	.3									.7	7.1
ENE	.3		.3									.7	5.1
E		.3	.3	.3								1.0	8.1
ESE	.7	.7	.7									2.0	9.1
SE		1.0	.7									1.7	5.4
SSE	1.7	2.7	1.3	.3								6.0	5.2
S	1.7	2.7	1.7									6.0	5.2
SSW	2.3	2.0	1.0	.3								5.7	4.1
SW	2.1	3.7	3.7	1.0	.7							11.0	7.2
WSW	1.0	2.0	3.7	2.3	2.3	.3						11.7	10.1
W	1.3	1.3	2.3	2.0	3.0	1.0						11.0	12.4
WNW			.3	1.0								1.3	11.1
NW													
NNW			.3	.7								1.0	10.1
VARIABLE													
CALP	////////////////////											38.5	////
TOTALS	11.1	16.7	17.1	9.4	6.0	1.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(EST): 2100-2100

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.4	1.1								2.2	5.1
NNE		.4	.4								.7	6.0
NE		.7									.7	4.5
ENE	1.1	.7									1.8	3.4
E	.4	.7	.4								1.5	5.0
ESE												
SE	.4	.4	.4								1.1	4.7
SSE	1.5	.7									2.2	3.1
S												
SSW		1.1									1.1	5.7
SW		.4									.4	5.0
WSW	.4	1.1	1.5								2.9	6.1
W	.7	1.5	.4	1.5							4.0	7.1
WNW												
NW			.4								.4	8.0
NNW		.7	.4								1.1	5.0
VAR IABLE												
CAL P	////////////////////////////////////										79.9	////
TOTALS	5.1	8.8	4.7	1.5							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JLL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.3	.4	.2								1.2	6.1
NNE	.1	.3	.0	.0								.4	5.4
NE	.2	.3	.0									.6	3.5
ENE	.5	.3	.1									1.0	3.5
E	.1	.1	.1	.0								.4	5.5
ESE	.1	.2	.1									.4	4.5
SE	.1	.3	.3									.7	5.3
SSE	.6	.7	.3	.1								1.7	5.2
S	.9	2.1	1.0	.0								4.1	5.2
SSW	1.5	2.0	1.9	.4	.0	.0						6.7	5.5
SW	1.2	2.6	3.4	1.9	.4	.1	.0					9.7	8.4
WSW	.8	1.5	2.7	3.1	1.5	.9	.1					10.7	11.5
W	.5	1.3	1.0	1.6	.8	.8	.1					6.1	12.1
WNW	.1	.3	.1	.2								.7	7.1
NW	.3	.0	.1	.0								.5	4.6
NNW	.2	.2	.2	.3								.8	7.1
VARIABLE													
CALP	////////////////////											54.1	////
TOTALS	8.0	13.3	11.8	7.8	2.9	1.9	.2					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 2261

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	.4	.8	.4								1.5	5.0
NNE	1.5										1.5	2.5
NE	.4	.4									.8	3.0
ENE	1.1	1.5									2.7	3.6
E	.4	.8									1.1	3.1
ESE		.4									.4	5.0
SE												
SSE	.4										.4	3.0
S												
SSW												
SW	.4										.4	2.0
WSW			.4								.4	7.0
W	.8	.8	1.2	.4							3.0	6.4
WNW		.4	.8								1.1	7.0
NW	.4										.4	2.0
NNW		1.5									1.5	4.5
VARIABLE												
CALP	////////////////////////////////////										84.8	////
TOTALS	5.7	6.4	2.7	.4							100.0	.1

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS(IST): 0300-0500

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.2										1.6	4.0
NNE				.4								.4	8.0
NE	.4	1.2										2.1	3.4
ENE	.4	1.2		.4								2.1	6.0
E	1.6											1.6	3.0
ESE													
SE													
SSE		.4										.4	4.0
S													
SSW	.4											.4	2.0
SW													
WSW			.4									.4	7.0
W		.8	.4									1.2	6.0
WNW	.4		.4									.8	6.0
NW	1.2	.8										2.1	3.0
NNW		.8										.8	5.0
VARIABLE													
CALP	////////////////////											86.0	////
TOTALS	5.3	6.6	1.6	.4								100.0	.1

TOTAL NUMBER OF OBSERVATIONS: 243

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 7A-87
MONTH: ALG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.7										1.7	3.4
NNE	.3											.3	2.0
NE	.7											.7	3.0
ENE	.7	1.0	1.0									2.8	5.4
E	1.0	.7										1.7	3.4
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		.3	.3									.7	6.0
W		.7										.7	5.0
WNW			.3									.3	7.0
NW													
NNW	1.0											1.0	2.0
VARIABLE													
CALP	////////////////////											89.9	////
TOTALS	9.5	3.0	1.7									100.0	.4

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7											.7	2.1
NNE	.3		.3									.7	4.5
NE			.3									.3	9.0
ENE	.1	.7	.3									1.3	5.1
E													
ESE		.3										.3	4.0
SE	1.0	.3										1.3	3.1
SSE	1.1	2.4	1.0									4.7	4.6
S	4.0	3.0	.3									7.4	3.4
SSW	2.7	4.7	.3	.3								8.1	4.4
SW	.3	4.4	2.0	.7								7.4	6.1
WSW	1.0	3.7	1.0	2.0	2.4	.3						10.4	10.1
W	.3	.7	.7	.7	.3							2.7	9.8
WNW	.3											.3	3.0
NW													
NNW													
VARIABLE													
CALP	////////////////////////////////////											54.2	////
TOTALS	12.5	20.2	6.4	3.7	2.7	.3						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 76-87
MONTH: AUG HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	.3											.3	2.0
NNE													
NE													
ENE			.3									.3	10.0
E													
ESE				.3								.3	13.0
SE		.3										.3	5.0
SSE		1.3	.3									1.7	5.4
S	1.7	4.4	2.3	1.3	.3							10.1	7.0
SSW	3.4	10.1	9.1	3.0	.3							25.8	6.5
SW	1.3	5.4	3.4	8.4	2.3	.3						23.2	10.1
WSW	1.3	2.0	7.4	8.7	4.0	1.7	.7					25.8	12.1
W	.3	.7	1.0	1.7	.3	1.3						5.4	13.5
WNW													
NW													
NNW													
VARIABLE													
CALP	////////////////////											6.7	////
TOTALS	8.4	24.2	25.8	23.5	7.4	3.4	.7					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N													
NNE			.3	.3								.7	11.0
NE				.3								.3	12.0
ENE			.3									.3	7.0
E		.3										.3	6.0
ESE													
SE			.3									.3	8.0
SSE		.3	.7	.3								1.4	8.1
S	2.0	2.7	1.7	.7								7.1	5.0
SSW	5.1	8.0	5.4	1.4		.3						21.0	6.0
SW	4.1	4.7	2.0	5.8	3.1							19.7	9.2
WSW	1.0	2.7	2.0	10.2	7.1	3.7	1.7					28.5	15.0
W	.3	1.0	2.0	3.4	2.7	2.0	.3					11.9	15.2
WNW			.3	.3								.7	12.0
NW													
NNW				.3								.3	11.0
VARIABLE													
CALP	////////////////////											7.5	////
TOTALS	12.5	20.7	15.3	23.1	12.9	6.1	2.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 79-87
MONTH: AUG HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N			1.4	.7							2.1	9.5
NNE						.3					.3	25.0
NE												
ENE	.7	.3									1.0	3.1
E		1.0									1.0	5.0
ESE	.3	.3									.7	4.0
SE												
SSE	1.0	1.4	.7	.7							3.8	6.2
S	3.1	3.5	.3	.7							7.6	4.8
SSW	2.1	2.4	2.1	.3							6.9	5.8
SW	.7	2.8	2.4	2.1	.7						8.7	8.5
WSW	1.0	2.1	1.7	4.8	2.8	.3					12.8	12.1
W	1.0	1.0	3.5	6.9	3.5	2.4					18.3	13.1
WNW			.3	.3							.7	9.5
NW												
NNW				.7							.7	13.5
VARIABLE												
CAL P	////////////////////////////////////										35.3	////
TOTALS	10.0	14.9	12.5	17.3	6.9	3.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.5	1.5	.4							4.1	6.1
NNE	.4	.7									1.1	4.0
NE	.4	.4									.7	3.5
ENE	.7		.4								1.1	4.1
E		.4									.4	4.0
ESE	.7	.4									1.1	3.0
SE	.7	.4	.4								1.5	4.0
SSE	.4	.4									.7	4.0
S		1.1	.4								1.5	5.5
SSW	.4										.4	2.0
SW		.4	.4								.7	6.5
WSW	.7	1.1	1.5	.4							3.7	6.4
W	.4	.7	4.1	1.5							6.7	8.7
WNW		1.5	.4								1.9	5.4
NW	.4	.4									.7	4.0
NNW		.4	.4								.7	6.0
VARIABLE												
CALP	////////////////////										72.8	////
TOTALS	6.0	9.7	9.3	2.2							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 268

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.5	.4	.1								1.5	5.6
NNE	.3	.1	.1	.0		.0						.6	6.3
NE	.3	.2	.0	.0								.6	4.4
ENE	.5	.6	.3	.0								1.4	5.1
E	.4	.4										.8	3.8
ESE	.1	.2		.0								.4	4.5
SE	.2	.1	.1									.4	4.2
SSE	.4	.8	.4	.1								1.7	5.5
S	1.4	1.9	.7	.4	.0							4.4	5.4
SSW	1.8	3.4	2.2	.7	.0	.0						8.3	6.1
SW	.9	2.3	1.6	2.2	.8	.0						7.9	9.1
WSW	.7	1.6	1.9	3.4	2.1	.8	.3					10.8	12.5
W	.4	.8	1.6	1.9	.9	.8	.0					6.4	12.6
WNW	.1	.2	.3	.1								.7	7.2
NW	.2	.1										.4	3.3
NNW	.1	.3	.0	.1								.6	6.1
VARIABLE													
CALP	////////////////////											53.2	////
TOTALS	8.3	13.6	9.7	9.2	3.9	1.7	.4					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 2242

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	.8	.4								2.7	3.1
NNE	.4	1.5	.4								2.3	4.6
NE		.4	.4								.8	5.5
ENE	1.5	2.3	1.5	.4							6.1	5.2
E	2.7	.4	.4	.4							3.8	4.4
ESE												
SE												
SSE												
S			.4								.4	10.1
SSW			.4								.4	7.0
SW												
WSW			.4								.4	7.0
W		.8		.4							1.1	7.1
WNW		2.3	1.1	.4							3.8	6.1
NW	.4	.4	.4								1.1	4.7
NNW	1.1	1.1									2.3	4.0
VARIABLE												
CALP	////////////////////										74.9	////
TOTALS	8.0	9.9	5.7	1.5							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0300-0500

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.1	.4									3.0	5.6
NNE	2.1	.4										2.5	2.5
NE													
ENE	3.0	2.1	1.3	.4								6.8	4.6
E	.4	1.3	.4									2.5	4.7
ESE				.4								.4	12.0
SE													
SSE	.4											.4	2.0
S													
SSH													
Sh	.4											.4	2.0
WSH				.4								.4	14.0
W	.4	.4		1.7								2.5	9.5
WNW	1.7	.4	.8									3.0	4.1
NW		1.3										1.3	5.0
NNW	.4	.4										.8	3.5
VARIABLE													
CALM	////////////////////											75.9	////
TOTALS	9.7	8.4	3.0	3.0								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS: 237

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.7									2.4	4.1
NNE	2.4	1.4									3.8	3.2
NE	.7	.7									1.4	3.1
ENE	2.4	3.8	1.4	.7							8.7	5.1
E	.7										.7	2.1
ESE	.2										.3	2.0
SE												
SSE												
S												
SSW		.3									.3	4.1
SW												
WSW												
W		.3	.7	.3							1.4	9.1
WNW	.3	1.4	.3								2.1	5.1
NW	.7	1.0	.3								2.1	4.1
NNW	.3	.3		.7							1.4	8.1
VARIABLE												
CALP	////////////////////////////////////										75.2	////
TOTALS	9.1	11.2	2.8	1.7							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7										.7	5.1
NNE	.7											.7	3.0
NE		.3	.7									1.0	6.0
ENE		1.4	1.7	1.0								4.1	8.8
E	1.4	.7	.7	.3								3.1	5.2
ESE	.3	.3										.7	3.0
SE	1.0	.7		.3								2.0	4.8
SSE	2.7	.7										3.4	2.5
S	1.7	1.4										3.1	3.1
SSW	1.7	2.0										3.8	3.8
SW	1.7	3.4	1.0		.3							6.5	5.5
WSW	.7	1.4	1.0	.3	.7	.3						4.4	9.6
W	.3	.3	.7	1.0	1.0	.3						3.8	12.8
WNW	.3	.3	.3									1.0	6.0
NW													
NNW		.3			.3							.7	11.5
VARIABLE													
CALV	////////////////////////////////////											61.1	////
TOTALS	12.6	14.0	6.1	3.1	2.4	.7						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

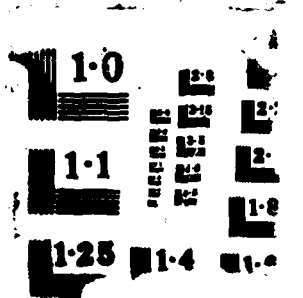
PERIOD OF RECORD: 77-86
MONTH: SEP HOURS/LSH: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3											.3	3.0
NNE		.3	.3									.7	8.0
NE			.3									.3	8.0
ENE		.3	1.0	.3								1.7	8.0
E		.7	1.7	.3								2.8	7.0
ESE				.3								.3	14.0
SE		.3		.7								1.0	10.0
SSE		1.7	.7									2.4	6.0
S	1.7	3.5	3.5	.7								9.3	6.7
SSW	4.9	8.0	9.7	4.5		.3						29.4	6.5
SW	.7	2.1	8.0	4.5	2.1	.7	.3					18.3	11.1
WSW	.3	1.4	3.8	8.7	3.1	2.8	.3					20.4	14.0
W			2.1	1.0	.3	.7						4.2	13.0
WNW			.3									.3	8.0
NW			.3		.3							.7	14.0
NNW													
VARIABLE													
CALM	////////////////////											7.6	////
TOTALS	10.0	18.3	31.8	21.1	5.9	4.5	.7					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 289

AD-A195 187 LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs) 2/3
DATA (LISOCs) (U) AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER SCOTT AFB IL APR 88
UNCLASSIFIED USAFETAC/DS-88/828 F/G 4/2 NL





GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: BELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 1500-1700

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N			.3	.3							.7	11.5
NNE				.3							.3	13.0
NE				.3							.3	12.0
ENE			1.0	1.0							2.1	10.5
E			.3	1.0							1.4	10.5
ESE		.7			.3						1.0	9.7
SE		.7	.3	.3							1.4	8.0
SSE	.3	1.0	1.0								2.4	6.1
S	1.7	3.4	1.7	2.4							9.3	7.2
SSW	3.4	5.2	3.1	1.4							13.1	5.8
SW	1.4	3.1	9.7	6.6	2.8	.7					24.1	10.6
WSW		1.0	3.1	11.0	5.5	3.8	.7				25.2	15.7
W			1.4	3.1	3.4	1.7	.3				10.0	17.1
WNW												
NW		.3									.3	6.0
NNW				.3							.3	14.0
VARIABLE												
CALP	////////////////////										7.9	////
TOTALS	6.5	15.5	22.1	28.3	12.1	6.2	1.0				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	.7	.3	.7								2.1	8.2
NNE	.3	.7	1.0									2.1	6.2
NE		.3										.3	6.0
ENE	1.0	.7	.3	.7								2.8	6.5
E	.3	.7	.7	.3								2.1	8.2
ESE		.3	.3			.3						1.0	12.0
SE	.3	.7	.7	.3								2.1	6.5
SSE	1.4		.3	.7								2.4	6.4
S	2.0	2.1										4.9	3.6
SSW	2.1	2.1	1.7	.3								6.2	5.3
SW	.7	1.0	3.1	.7								5.6	7.5
WSW	1.4	3.1	5.2	5.2	2.8	.3						18.1	11.0
W	.3	3.1	2.8	8.3	2.4	.7	.3					18.1	12.5
WNW				.3								.3	14.0
NW			.3	.3								.7	9.0
NNW		.3	.7	1.0								2.1	10.2
VARIABLE													
CALP	////////////////////////////////////										29.2	////	
TOTALS	11.1	16.0	17.7	19.1	5.2	1.4	.3					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	.4	1.2										1.6	4.0
NNE	.8	1.2	.4									2.3	4.3
NE	.4	1.2	.4									1.9	5.6
ENE	2.7	1.9	1.2	.4								6.2	5.1
E	.8	1.9	1.2									3.9	5.6
ESE	.8					.4						1.2	9.3
SE	.8	.4	1.2	.4								2.7	6.3
SSE	.4	.4										.8	3.0
S	.4											.4	3.0
SSW	.4	.4										.8	3.0
SW			.8									.8	9.5
WSW	.4	.4	.8	.8	.4							2.7	9.4
W	.8	2.7	2.3	1.2	.4	.4						7.8	8.4
WNW		.8	1.2	.4								2.3	8.2
NW		.8	.8									1.6	6.0
NNW		.8	.4	.4								1.6	8.0
VARIABLE													
CALP	////////////////////											61.6	////
TOTALS	8.9	10.0	10.5	3.5	.8	.8						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 258

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.9	.2	.1							1.6	5.4
NNE	.8	.7	.3	.0							1.8	4.4
NE	.1	.4	.2	.0							.8	5.7
ENE	1.4	1.5	1.2	.6							4.7	6.2
E	.8	.7	.7	.3							2.5	6.0
ESE	.2	.2	.0	.1	.0	.1					.6	9.1
SE	.3	.4	.3	.3							1.2	6.7
SSE	.7	.5	.3	.1							1.5	4.5
S	1.1	1.4	.7	.4							3.6	5.5
SSW	1.9	2.4	2.0	.8		.0					7.1	6.1
SW	.6	1.3	2.9	1.5	.7	.2	.0				7.3	9.8
WSW	.4	1.0	1.9	3.4	1.6	1.0	.1				9.3	13.4
W	.2	1.0	1.3	2.2	1.0	.5	.1				6.2	12.1
WNW	.3	.6	.5	.1							1.5	6.4
NW	.1	.5	.3	.0	.0						1.0	6.4
NNW	.2	.4	.1	.3	.0						1.1	7.8
VARIABLE												
CALP	////////////////////										48.0	////
TOTALS	9.6	13.6	12.8	10.5	3.4	1.8	.3				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 2204

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	.4	1.5										1.9	4.8
NNE	1.5	.4										1.9	3.0
NE		.4	.4									.8	6.8
ENE	3.0	4.9	1.1	.4	.4							9.8	5.8
E	4.5	2.3	1.5									8.3	4.4
ESE													
SE													
SSE						.4						.4	20.0
S		.4										.4	6.0
SSW			.4									.4	10.0
SW	.4											.4	3.0
WSW													
W		.4	1.1	.8	.4							2.6	10.8
WNW	.4	.4	1.9		.4							3.0	8.8
NW	.4	2.3										3.0	4.1
NNW	.8	1.1										1.9	4.0
VARIABLE													
CALP	////////////////////////////////////											65.3	////
TOTALS	11.7	14.0	6.4	1.1	1.5							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	1.2	.4									2.5	4.8
NNE	2.5	1.2	.4	.4								4.6	4.5
NE	.4	1.2										1.7	4.5
ENE	6.2	4.6	1.2									12.0	4.1
E	.8	1.2	1.7	.8								4.6	6.8
ESE													
SE													
SSE				.4								.4	16.8
S		.8		.4								1.2	8.0
SSW													
SW	.4											.4	2.0
WSW					.4	.4						.8	20.0
W			.8	.8								1.7	10.8
WNW		.8	.8									1.7	5.8
NW	.4	.8	.4									1.7	5.5
NNW	2.5	1.7	.4									4.6	4.1
VARIABLE													
CALM	////////////////////////////////////											62.2	////
TOTALS	19.1	13.7	6.2	2.9	.4	.4						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: BELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	3.1										4.4	4.2
NNE	1.7											1.7	2.6
NE	1.4	1.7	.7	.7								4.4	5.1
ENE	3.1	4.8	2.7	.3								10.9	5.2
E	1.4	3.4	1.7	.7								7.2	6.2
ESE	.3			.7								1.0	9.0
SE													
SSE													
S													
SSW													
SW													
WSW		.3		.3								.7	9.0
W			.3	.7								1.0	10.1
WNW	.7	.3	1.0									1.7	6.2
NW	.3	1.0										1.4	3.8
NNW	.3	1.4	.3									2.0	5.0
VARIABLE													
CALP	////////////////////											63.5	////
TOTALS	10.2	16.0	6.8	3.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2											.3	2.0
NNE		.7										.7	4.5
NE	.3	.3	1.4	.3								2.4	7.6
ENE	.7	2.1	1.4	.7								4.9	7.0
E	1.0	4.5	1.7			.3						7.6	6.0
ESE	.3	.7										1.0	4.2
SE	.7	.7	1.4	.7								3.5	6.5
SSE	1.7	1.4	.7									3.8	4.4
S	.3	.3	.3	.7								1.7	9.6
SSW		.3	.3									.7	6.0
SW		.7										.7	5.0
WSW		.7	.3	.3	.3							1.7	10.2
W	1.0	2.1	1.4	.3	.7							5.6	7.6
WNW	.7		1.0	1.0								2.8	9.2
NW			.3	.3								.7	9.2
NNW	.3	.7										1.0	4.0
VARIABLE													
CALP	////////////////////											60.8	////
TOTALS	7.6	15.3	10.4	4.5	1.0	.3						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7	.3	.3	.3							1.7	9.6
NNE	.3	1.0	.3	.3								2.0	5.7
NE	.3	.7	.3									1.3	6.0
ENE	1.0	1.0	2.0	.3	.3							4.7	7.6
E	1.3	.3	.7	.3								2.7	5.1
ESE		.7		.7								1.3	10.3
SE	.2		.7	.3	.7	.3						2.3	13.4
SSE	1.3	.7	2.7									4.7	6.1
S	2.7	6.0	4.0	.7	.3							13.7	6.1
SSW	6.0	6.7	3.7	1.7								18.1	5.4
SW	.7	2.3	3.3	1.0	1.0	.3						10.7	9.6
WSW	.7	.3	5.0	3.7	3.7	.7	.3					14.0	13.5
W	.3	1.3	1.0	2.3	2.3	1.3						8.7	14.5
WNW			.3									.3	7.0
NW													
NNW			.7			.3						1.0	14.1
VARIABLE													
CALP	////////////////////											12.7	////
TOTALS	14.7	21.7	25.1	13.7	8.7	3.0	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N			.4	.7							1.1	10.1
NNE		.7		.4							1.1	8.1
NE			.4								.4	7.6
ENE		1.4	2.5	.7							4.6	7.6
E	.4	.4			.4						1.1	8.1
ESE		.4	.7								1.1	7.1
SE	.7	.7	1.1	.7	.7						3.9	9.1
SSE	.4	1.1	1.4	1.1	.4						4.2	8.6
S	1.8	1.8	2.8	1.1							7.4	6.1
SSW	4.2	4.2	4.6		.4						13.4	5.1
SW		2.5	4.2	2.9	.4	.4					10.2	9.6
WSW		2.5	5.7	7.1	4.9	1.1					21.2	12.6
W		.7	2.8	4.6	5.7	3.5	.7				18.0	16.6
WNW		.7									.7	5.6
NW	.4										.4	2.6
NNW		.4	.7		.4						1.4	9.6
VARIABLE												
CALP	////////////////////										9.9	////
TOTALS	7.8	17.3	27.2	19.1	13.1	4.9	.7				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N		.3	1.4	.3								2.0	8.5
NNE		1.0	.7									1.7	5.8
NE	1.0	.3	.3									1.7	4.0
ENE	.7	1.0	1.4	.3								3.4	6.8
E	1.0	1.4	.7	1.0								4.1	7.2
ESE		.3		.7								1.0	10.7
SE	.3	.3	1.4	2.0								4.1	10.0
SSE	.7	1.4	1.7									3.7	6.3
S		1.0	.3	.3								1.7	7.8
SSW	1.7	1.0	.7									3.4	4.8
SW	1.0	.7	1.4	.7								3.7	6.8
WSW	.7	2.4	4.4	1.4	1.0							9.8	8.7
W	1.7	1.0	5.8	7.1	1.4							16.9	10.8
WNW	.3	2.0	3.1	.7	.3							6.4	7.5
NW	.7	.3										1.0	3.0
NNW		1.4										1.4	5.0
VARIABLE													
CALP	////////////////////											33.9	////
TOTALS	9.8	15.9	23.1	14.6	2.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 2100-2100

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1										1.1	2.1
NNE	3.4	.8		.4							4.5	3.7
NE	1.1	.8	1.1								3.0	4.5
NNE	3.0	5.3	1.1	.8	.4						10.6	5.1
E	2.6	1.5	.8								4.9	4.0
ESE	.4	.8	.4			.4					1.9	9.4
SE			.4	.4							.8	9.0
SSE	.4										.4	2.0
S	.4	.8									1.1	3.7
SSW	.4	1.1	.4								1.9	5.4
SW				.4							.4	8.0
WSW	.8	.8	1.1	1.1	.4						4.2	8.6
WNW	1.1		1.9								3.0	5.6
NW	2.3	.8									3.0	3.0
NNW	.8	.4	.8								1.9	5.2
VAR IABLE												
CALF	////////////////////										57.4	////
TOTALS	17.7	12.8	8.3	2.6	.8	.4					100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): ALL

DIRECTION (DEGREE(S))	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.9	.3	.2	.0						1.9	5.5
NNE	1.1	.7	.2	.2							2.2	4.5
NE	.6	.7	.6	.1							2.0	5.6
ENE	2.1	3.1	1.7	.4	.1						7.4	5.1
E	1.6	1.9	1.1	.4	.0	.0					5.0	5.1
ESE	.1	.4	.1	.3		.0					.9	8.1
SE	.2	.2	.6	.5	.2	.0					1.9	9.1
SSE	.6	.6	.9	.2	.1						2.3	6.6
S	.7	1.4	1.0	.4	.0						3.5	6.6
SSW	1.6	1.7	1.3	.2	.0						4.9	5.5
SW	.3	.8	1.2	.9	.2	.1					3.4	9.1
WSW	.1	.8	2.1	1.7	1.3	.3	.0				6.3	12.1
W	.5	.8	1.8	2.3	1.4	.6	.1				7.5	12.6
WNW	.4	.5	1.3	.2	.1						2.5	7.5
NW	.6	.6	.1	.0							1.3	4.1
NNW	.5	.9	.4		.0	.0					1.8	5.6
VARIABLE												
CALP	////////////////////										45.0	////
TOTALS	11.6	16.0	14.5	8.0	3.6	1.2	.1				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 2229

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: BELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.4	1.2								2.9	4.5
NNE	1.2	.8									2.1	3.2
NE	1.2	.4	.4								2.1	3.1
ENE	2.5	4.5	2.1	.8							9.9	5.6
E	1.7	3.3	1.2								6.2	4.4
ESE												
SE		.8									.8	6.1
SSE												
S	.4			.8							1.2	10.7
SSW				.8							.8	14.0
SW				.4	.4	.4					1.2	18.2
WSW		.4	.4								.8	7.0
W			.4	1.2		.4	.4				2.5	18.2
WNW	.8	2.1	1.2	.8							5.0	7.0
NW		.4	.4								.8	6.1
NNW		.8	.8								1.7	6.6
VAR IABLE												
CALM	////////////////////										62.0	////
TOTALS	9.1	14.0	8.3	5.0	.4	.8	.4				100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 242

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: BELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	1.7									2.9	3.5
NNE	1.7	1.7	.4								3.8	3.5
NE	1.3	.8	.4								2.5	4.5
ENE	1.7	6.3	2.9	.4							11.3	5.1
E	2.9	1.7	1.3	.4							6.3	5.1
ESE		.4									.4	6.0
SE			.4								.4	8.0
SSE												
S				.4			.4				.8	22.0
SSW				.4							.4	12.0
SW						.4					.4	25.0
WSW		.4		.4	.8		.8	.4			2.9	22.1
W	.4	.4	.8	.4	.4	1.3					3.8	13.5
WNW	.4	1.7	.4	.8							3.4	7.4
NW	.4	.4	1.7	.4	.4						3.4	9.0
NNW		.8	.8								1.7	6.5
.....												
VARIABLE												
CALP	////////////////////////////////////											55.5
TOTALS	10.1	16.4	9.2	3.8	1.7	1.7	1.3	.4			100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 238

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0600-0800

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	3.0										3.7	4.2
NNE	1.1	1.5	.4									3.0	4.4
NE	2.2	2.6	.7				.4					5.9	6.1
ENE	4.8	6.3	1.9	1.1								14.1	5.4
E	.4	2.6	.7	.4								4.1	5.5
ESE		.4										.4	6.0
SE													
SSE			.4									.4	10.0
S		.4		.4	.4							1.1	11.2
SSW		.4	.4									.7	8.0
SW	.4						.4					.7	12.1
WSW					.4			.4				.7	29.5
W	.7		1.1	.4	1.1	.4						3.7	12.1
WNW	.4	1.1		1.9		.4						3.7	10.2
NW	1.1	.4										1.5	3.2
NNW	1.1			.4								1.5	4.8
VARIABLE													
CALP	////////////////////											54.8	////
TOTALS	13.0	10.5	5.6	4.4	1.9	1.1	.4	.4				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: BELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7		.4							1.8	6.0
NNE	.4										.4	2.0
NE	1.4	2.2	1.1								4.7	5.0
ENE	2.5	5.7	2.5	1.1							11.8	5.0
E	3.5	3.2	1.1								8.2	4.0
ESE		.7	.4	.4							1.4	7.0
SE			.4	.4							.7	10.0
SSE			.4								.4	7.0
S		.4									.4	6.0
SSW			.7								.7	8.0
SW				.4	.4						.7	16.0
WSW				.4	.4	.7	.4				1.8	22.0
W	.7	.7	.7	2.2	1.1	.4	.4	.4	.4		6.8	16.0
WNW	.7	1.4	1.1	1.1							4.3	7.0
NW	1.4	.4									1.8	3.0
NNW		.4	.4								.7	6.0
VAR IABLE												
CALF	////////////////////										53.4	////
TOTALS	11.8	15.8	8.6	6.1	1.8	1.1	.7	.4	.4		100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1200-1400

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	.7	.4	1.8	.7	.4						3.9	9.0
NNE	.4	.4	.4								1.1	5.0
NE			.4	.4							.7	9.0
ENE	1.4	1.4	.7	1.1							4.6	6.8
E	.7	2.1	1.4	.4							4.6	5.8
ESE	.4	1.1	.7								2.1	6.2
SE		.7	.7								1.4	6.0
SSE	2.5	1.8	1.8	1.1	.7	.4					8.2	7.5
S	1.1	1.4		.4							2.8	5.1
SSW	2.5	3.9	1.4								7.8	4.0
SW	1.1	.7	1.4	.7	.7	.4					5.0	9.1
WSW	.4	1.1	1.8	2.1	1.8	1.4					8.5	13.5
W		1.1	2.1	2.8	2.8	2.5	.4	.7			12.4	17.1
WNW	.4	.4	1.1	.4		.4					2.5	10.1
NW	.7		1.4	.4	.4						2.8	8.5
NNW			.4	.4							.7	11.0
VARIABLE												
CALP	////////////////////										30.9	////
TOTALS	12.1	16.3	17.4	10.6	6.7	5.0	.4	.7			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1500-1100

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.7	.4		.4						2.1	11.2
NNE		.4	.4	.4								1.1	8.7
NE	.4	.7	.4	.4								1.8	7.0
ENE	.7	1.1	1.8	.7								4.2	7.1
E		2.1		.4								2.5	6.0
ESE		1.1		.4								1.4	6.8
SE	.4	1.1	.4	.4								2.1	6.2
SSE	.7	.4	1.4	2.5			.4					5.3	10.8
S	1.4	1.8	2.1	.7	.4							6.4	6.5
SSW	2.1	.4	1.4									3.9	5.1
SW	1.8	2.1	2.5	1.1	.4							7.8	7.2
WSW	.4	3.9	4.2	6.0	2.1	1.4		.4				18.4	12.2
W	1.4	.7	2.1	5.3	3.2	3.5	.4					16.6	15.2
WNW			1.4		.7							2.1	11.5
NW				.4	.4							.7	15.0
NNW	.4	1.4	1.1	1.4								4.2	8.2
VARIABLE													
CALP	////////////////////											19.4	////
TOTALS	9.5	17.3	19.9	20.1	7.1	5.3	.7	.4				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.7	.7									2.4	5.1
NNE	1.4	.7	.3									2.4	3.1
NE		.3	.7									1.0	6.7
ENE	1.4	3.5	2.8	.7								8.3	6.1
E	2.1	2.1	.3									4.5	3.8
ESE	.3	1.4	.3	.3								2.4	6.3
SE	.3	.7	.3	.3								1.7	6.8
SSE			.3									.7	7.0
S	.3	1.4	.7	.3								2.8	6.1
SSW		.3	.7	.3	.3							1.7	11.0
SW		.3	.7			.3						1.4	11.8
WSW	.3	.7	1.0	.7		.3						3.1	9.8
W	1.0	2.4	3.1	1.0		.3	1.0					9.0	10.1
WNW	.7	3.5	4.5	2.1								10.7	7.7
NW	1.0	2.8	1.0	.7								5.5	5.8
NNW	1.7	1.0	1.0									3.8	4.8
VARIABLE													
CALP	////////////////////											38.8	////
TOTALS	11.8	21.8	18.7	6.6	.3	1.0	1.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.4	.4									1.9	4.4
NNE	2.6											2.6	2.6
NE	.7	1.1	.7									2.6	5.0
ENE	4.1	5.6	1.5	.4								11.5	4.5
E	2.2	4.5	1.1	.4								8.2	5.0
ESE	.4	.4										.7	3.5
SE	.4	1.1	.7									2.2	6.2
SSE					.4							.4	18.0
S			1.1									1.1	8.7
SSW	.4		.4	.4	.4	.4						1.9	12.6
SW	.4	1.1	.4	.7	.4			.4				3.3	12.2
WSW			.4	.4								.7	11.5
W	.4	.7	.4	.4	1.1	.4						3.3	13.1
WNW	1.1	1.1	.7	1.1	.7							4.8	8.6
NW	.7	1.5		.4								2.6	5.4
NNW	.7	.7										1.5	3.0
VARIABLE													
CALP	////////////////////											50.6	////
TOTALS	15.2	18.2	7.8	4.1	3.0	.7		.4				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	.9	.6	.2	.0	.0						2.7	6.2
NNE	1.1	.7	.2	.0								2.0	4.0
NE	.5	1.0	.6	.1			.0					2.6	5.6
ENE	2.4	4.2	2.0	.8								9.4	5.6
E	1.7	2.7	.9	.2								5.5	4.6
ESE	.1	.7	.2	.1								1.2	6.2
SE	.1	.6	.4	.1								1.2	6.7
SSE	.4	.3	.6	.5	.1	.0	.0					2.0	9.2
S	.4	.7	.5	.4	.1		.0					2.1	7.6
SSW	.7	.7	.7	.2	.1	.0						2.3	7.0
SW	.5	.6	.7	.4	.3	.2		.0				2.6	10.4
WSW	.1	.8	1.0	1.3	.7	.5	.1	.1				4.8	13.6
W	.6	.8	1.4	1.8	1.3	1.2	.3	.1	.0			7.5	14.6
WNW	.6	1.4	1.3	1.0	.2	.1						4.6	8.4
NW	.7	.7	.6	.3	.1							2.4	6.6
NNW	.5	.7	.6	.3								2.0	6.2
VARIABLE													
CALP	////////////////////											45.0	////
TOTALS	11.7	17.4	12.1	7.8	2.9	2.1	.6	.3	.0			100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 2152

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.1		.4							3.4	4.1
NNE	2.3	1.1	1.1								4.6	4.5
NE	.8	.8		.4							1.9	5.2
ENE	1.5	2.7	1.9	.8							7.2	5.6
E	3.4	2.7	.8								6.8	4.1
ESE		.4	.4								.8	5.5
SE	.4					.4	.4				1.1	19.1
SSE												
S	.4			.4							.8	8.5
SSW			.8	.8	.4						1.9	14.0
SW		.8	.4		.4						1.5	10.0
WSW				.8	.8	.4	.4				2.3	20.1
W			1.5	2.7	1.9	.4					6.5	14.2
WNW	.4	1.1	1.5	.8							3.8	7.3
NW	1.1	1.1	.4	.4							3.0	5.1
NNW	1.5	1.1	1.1								3.8	4.1
VAR TABLE												
CALP	////////////////////////////////////											59.6
TOTALS	14.1	12.9	9.9	7.2	3.4	1.1	.8				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAF

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.2			.4							2.0	7.4
NNE	2.0	1.2	1.2									4.5	4.8
NE	1.6	1.2	.4									3.2	4.1
ENE	3.6	2.0	2.4	.4								9.3	5.1
E	2.0	2.0	2.0									6.9	4.5
ESE													
SE													
SSE	.4											.4	2.0
S			.8	.4								1.2	10.1
SSW	.4	.4	1.2	.4								2.4	7.8
SW					.4							.4	20.0
WSW			.4	.4	1.6							2.4	17.0
W	.4	.4	1.6	3.2	1.6							7.3	12.4
WNW	.4	1.2	.8	2.4								4.9	9.8
NW		1.6	1.2									2.8	6.0
NNW	.8	2.0										2.8	4.1
VARIABLE													
CALP	////////////////////////////////////											49.4	////
TOTALS	13.0	14.2	12.1	7.3	4.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	PEAK WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.4	2.4	.7	.3								4.8	5.1
NNE	2.1	2.7										4.8	4.0
NE	1.4	1.7	.7	.3								4.1	5.1
ENE	1.7	3.0	.7	.7								6.9	5.4
E	3.4	4.1	.3									7.9	4.0
ESE			.3									.3	7.0
SE													
SSE													
S				.3								.3	15.0
SSW	.3	.7	.3		.3							1.7	8.4
SW			.7		1.0	.3						2.1	16.2
WSW				.7		.3		.3				1.4	20.8
W		.3	1.4	1.7	.7	.3	.3					4.4	13.5
WNW		2.4	1.4	1.0		.7						5.5	9.9
NW	.3	1.0	.7	.3								2.4	6.6
NNW	1.0	1.4	.7	.3								3.4	5.2
VARIABLE													
CALP	////////////////////											49.5	////
TOTALS	11.7	20.6	7.9	5.8	2.1	1.7	.3	.3				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7	1.4	1.0								3.1	9.1
NNE	.7											.7	2.5
NE	.3	1.0										1.4	3.8
ENE	2.1	4.8	2.7	1.0								10.7	6.1
E	3.4	3.1	.7									7.2	4.0
ESE		.3										.3	5.0
SE													
SSE													
S	.3	.3	.3	.3								1.4	7.1
SSW		.3	.7	1.4		.3						2.7	12.4
SW			.3	.3	.3							1.0	12.1
WSW				1.0	.7	.7						2.4	18.4
W	.3	.7	1.7	.7	.7	.3	1.0					5.5	14.5
WNW	.3		1.0	1.0								2.4	9.0
NW	.7	3.1	.7	.3	.3							5.2	6.0
NNW	1.7		.3									2.1	3.0
VARIABLE													
CALP	////////////////////											54.0	////
TOTALS	10.0	14.4	10.0	7.2	2.1	1.4	1.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			.7	2.3	.3							3.3	12.7
NNE	1.0	.7		.3								2.0	5.2
NE	.3	.7										1.0	4.3
ENE	2.0	1.7	1.0	.7								5.4	6.0
E		2.0	1.3	1.0								4.3	7.5
ESE			.7	.3								1.0	10.0
SE	.3	.3	1.3	.7								2.7	8.6
SSE	1.3	1.3	1.0	.7								4.3	6.5
S	1.0	.3										1.3	2.6
SSW	1.3	2.3	1.7	1.0	.7							7.0	8.0
SW	.3	1.3	.3	1.0	.3	.7						4.0	11.6
WSW	2.0	2.7	2.3	2.7	.7	.7	.3					11.4	10.1
W	.7	1.0	1.3	4.0	2.3	2.7	1.0					13.0	16.3
WNW		2.3	1.7	.7	1.0	.3	.3					6.4	11.5
NW	.3	.3	.7	.3								1.7	7.8
NNW		.7	1.0	1.0								2.7	8.9
VARIABLE													
CALM	////////////////////											28.4	////
TOTALS	10.7	17.7	15.1	16.7	5.4	4.3	1.7					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.4	1.4	1.0	.7							4.7	9.5
NNE	.3		.3									.7	5.5
NE	.3	.7	.3	1.0								2.4	8.1
ENE	.7	1.7	2.0	.3								4.7	7.1
E	.2	.3	.7	1.0		.3						2.7	10.6
ESE			.7	.3								1.0	11.0
SE	.3	.3	.3	.7								1.7	8.4
SSE		1.0	2.0									3.1	7.1
S	1.4	1.0	.3	.3		.3						3.4	6.1
SSW	2.4	2.7	1.0	.7	.3							7.1	6.4
SW	.7	1.0	1.7		.3							3.7	7.6
WSW		2.4	2.0	6.4	1.4	.3	1.0					13.6	13.0
W	.7	2.0	2.0	8.5	4.1	3.4	.3		.3			21.4	15.5
WNW	.3	.3	2.0	1.4	.7	.3						5.1	11.1
NW	.7	.3	3.1	.3								4.4	7.5
NNW		.7	1.4	1.0								3.1	9.6
VAR IABLE													
CALP	////////////////////											17.3	////
TOTALS	8.5	15.9	21.4	23.1	7.5	4.7	1.4		.3			100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.0	1.3	1.7	.7		.3						5.0	7.5
NNE	.3	1.3	.3									2.0	5.1
NE	1.3	1.3										2.7	3.5
ENE	1.0	.7	1.0	1.0								3.7	7.4
E	1.0	1.0	.7	.3								3.0	6.0
ESE	1.0	.7	.3		.3							2.3	6.5
SE		.7	.3	.3								1.3	7.1
SSE	.3		1.0									1.3	6.0
S	.3	.3	1.3									2.0	6.1
SSW	.3		.7		.7							1.7	11.6
SW			1.0			.3						1.3	12.0
WSW		.7	.7	.7	.3							2.3	11.6
W		2.7	3.7	3.3	2.3	.3	1.3					13.6	13.1
WNW	1.2	4.0	1.7	1.3	.3	.3		.3				9.3	8.7
WN	2.2	3.0	1.7	.7								7.6	5.1
NNW	2.0	.7	.7	.3								3.7	4.8
VARIABLE													
CALP	////////////////////											37.2	////
TOTALS	12.1	18.3	16.6	8.6	4.0	1.3	1.3	.3				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.9	.4									2.6	5.4
NNE	.7	2.6		.4								3.7	5.1
NE	.4	1.5	.4	.7								3.0	7.1
ENE	2.2	2.6	1.1	.4								6.3	5.2
E	1.5	2.2	.7									4.8	4.6
ESE	.4	.4	.7	.4	.4							2.2	9.1
SE	.4	.4										.7	4.5
SSE			.4	.4								.7	11.0
S	.4	.4	.4	.4								1.5	7.3
SSW	.4		1.1		.7							2.2	10.5
SW	.4		.4									.7	6.5
WSW	.4		.4	.7	.7							2.2	12.5
W	.7	1.5	1.9	1.7	1.1	.7	.7					10.4	13.5
WNW	.7	.7	1.9	.7								4.1	7.7
NW	2.6	2.6	.7	1.1								7.1	5.6
NNW	.4	1.5										1.9	4.6
VAR IABLE													
CALP	////////////////////											45.7	////
TOTALS	12.3	18.2	10.4	8.9	3.0	.7	.7					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.2	.8	.8	.2	.0						3.7	7.1
NNE	1.2	1.2	.9	.1								2.8	4.6
NE	.8	1.1	.2	.3								2.4	5.4
ENE	1.5	2.6	1.6	.7								6.7	5.5
E	2.0	2.2	.9	.3		.0						5.4	5.2
ESE	.2	.2	.4	.1	.1							1.0	8.4
SE	.2	.2	.3	.2		.0	.0					1.0	9.5
SSE	.2	.3	.6	.1								1.3	6.8
S	.5	.3	.4	.3		.0						1.5	7.0
SSW	.7	.8	.9	.5	.4	.0						3.4	8.8
SW	.2	.4	.6	.2	.4	.2						1.9	11.2
WSW	.3	.8	.8	1.7	.8	.3	.2	.0				4.9	13.2
W	.4	1.1	1.9	3.5	1.9	1.1	.6		.0			10.5	14.5
WNW	.4	1.6	1.5	1.2	.3	.2	.0	.0				5.2	9.6
NW	1.0	1.6	1.2	.4	.0							4.3	6.1
NNW	.9	1.0	.7	.4								2.9	5.8
VARIABLE													
CALP	////////////////////											41.1	////
TOTALS	11.5	16.6	13.0	10.8	3.9	2.0	.9	.1	.0			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 2256

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	.8	.5	.3	.1	.0	.0					2.2	7.0
NNE	.6	.6	.2	.1	.0	.0						1.6	4.5
NE	.4	.6	.3	.2	.0	.0	.0					1.5	6.3
ENE	1.4	2.0	1.4	.6	.1	.0						5.5	6.2
E	1.1	1.2	.7	.3	.0	.0	.0					3.4	5.8
ESE	.1	.3	.2	.2	.0	.0						.9	8.2
SE	.2	.3	.4	.2	.0	.0	.0					1.1	8.2
SSE	.4	.6	.4	.3	.1	.0	.0					1.8	7.0
S	.8	1.2	.7	.4	.1	.0	.0	.0				3.2	6.7
SSH	1.2	1.7	1.1	.4	.1	.1	.0	.0				4.7	6.4
SW	.6	1.2	1.5	1.1	.4	.2	.0	.0	.0			5.0	9.8
WSW	.2	.9	1.7	2.4	1.5	.9	.2	.0				8.0	13.7
W	.4	1.1	1.7	2.5	1.6	1.2	.3	.1	.0			8.9	14.2
WNW	.2	.9	1.0	.7	.2	.1	.0	.0				3.2	9.0
NW	.5	.9	.5	.2	.0	.0	.0		.0			2.1	6.2
NNW	.5	.7	.5	.3	.1	.0						2.0	6.5
VARIABLE													
CALP	////////////////////											44.9	////
TOTALS	9.4	15.0	12.8	10.2	4.3	2.6	.6	.1	.0			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 26497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(IST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.4		.2							.8	6.8
NNE		.2	.2								.4	7.0
NE	1.0	1.1	.4								2.5	5.2
ENE	.2	1.5	.6								2.3	5.1
E	.6	.6	.6								1.7	5.6
ESE			.2	.4							.6	14.0
SE	.2	.2		.2							.6	7.0
SSE		.6	.4	.2	.2						1.3	9.1
S	.8	2.1	.4	.6				.2			4.0	7.0
SSW	.4	2.9	1.7								4.9	5.8
SW	1.0	1.5	1.1	.8	.2	.2					4.8	8.1
WSW	.4	1.9	1.0	2.3	1.7	.4	.4	.2			8.2	13.1
W	.6	.8	1.3	1.5	1.1	.4	.6	.2			6.5	13.8
WNW		.2	.6	.2							1.0	8.8
NW		.2	.2								.4	6.8
NNW			.2								.2	7.0
VARIABLE												
CALP	////////////////////										60.1	////
TOTALS	5.1	14.1	8.7	6.3	3.2	1.0	1.0	.6			100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 526

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
UNSCURLED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	CE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	19.2	67.8	68.6	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2000	39.6	68.2	69.4	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1800	39.6	68.2	69.4	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1600	39.6	68.2	69.4	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1400	39.6	68.2	69.4	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1200	40.0	69.4	70.6	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1000	42.7	74.5	76.1	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.0	78.0
GE 900	44.3	79.2	81.2	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.5	83.5	83.5	83.5	83.5
GE 800	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 700	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 600	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 500	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 450	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 400	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 350	44.7	81.2	83.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 300	45.5	83.5	85.9	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6
GE 250	46.3	89.0	91.4	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1
GE 200	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 180	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 160	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 140	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 120	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 90	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 80	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 70	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 60	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 50	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 40	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 30	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 20	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 10	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	47.8	94.5	96.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 255

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: SELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		35.7	67.6	68.0	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2000C		35.7	68.0	68.4	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1800C		35.7	68.0	68.4	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1600C		35.7	68.0	68.4	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1400C		35.7	68.0	68.4	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1200C		36.1	69.3	69.7	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1000C		39.8	75.8	76.6	77.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 900C		41.4	80.7	81.6	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 800C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 700C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 600C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 500C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 450C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 400C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 350C		41.8	82.0	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 300C		43.4	85.7	86.5	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 250C		44.3	90.6	91.4	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 200C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 180C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 150C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 120C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 90C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 80C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 70C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 60C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 40C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 30C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 10C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE C		45.1	95.9	97.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 244

GLOBAL CLIMATE DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0600-0800

CEILING IN FEET	1	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 4	GE 0
								GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO CEIL	1	19.4	58.8	59.9	60.6	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.6		
GE 2000	1	19.4	59.9	60.9	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6		
GE 1800	1	19.4	59.9	60.9	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6		
GE 1600	1	19.4	59.9	60.9	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6		
GE 1400	1	19.4	59.9	60.9	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6		
GE 1200	1	19.7	61.6	62.6	63.3	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.4		
GE 1000	1	22.5	75.1	76.1	76.8	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2		
GE 900	1	23.5	81.7	83.7	84.8	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.2		
GE 800	1	23.9	82.4	84.4	85.5	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9		
GE 700	1	23.9	82.4	84.4	85.5	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9		
GE 600	1	23.9	82.4	84.4	85.5	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9		
GE 500	1	23.9	84.8	86.9	87.9	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3		
GE 450	1	23.9	84.8	86.9	87.9	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3		
GE 400	1	23.9	84.8	86.9	87.9	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3		
GE 350	1	23.9	84.8	86.9	87.9	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3		
GE 300	1	24.2	86.2	88.2	89.3	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7		
GE 250	1	24.9	90.3	92.4	93.4	94.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.8		
GE 200	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 180	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 160	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 140	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 120	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 100	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 90	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 80	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 70	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 60	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 50	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 40	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 30	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 20	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE 10	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		
GE	1	25.3	94.8	97.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0		

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
		1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO	CEIL	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
GE	2000	22.5	59.7	60.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE	1800	22.5	59.7	60.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE	1600	22.5	59.7	60.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE	1400	22.5	59.7	60.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE	1200	22.5	60.8	61.4	62.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE	1000	24.9	70.3	71.3	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE	900	28.0	79.5	81.6	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE	800	28.0	79.5	81.6	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE	700	28.0	79.5	81.6	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE	600	28.0	79.5	81.6	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE	500	28.0	81.2	83.3	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	450	28.0	81.2	83.3	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	400	28.0	81.2	83.3	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	350	28.3	81.6	83.6	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE	300	28.7	82.6	85.0	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE	250	29.7	89.4	91.8	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	200	29.7	92.5	95.6	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	180	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	150	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	120	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	100	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	90	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	80	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	70	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	60	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	50	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	40	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	30	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE	20	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE	10	29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE		29.7	92.5	95.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453G STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(1ST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	6	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL	28.6	54.1	55.2	55.9	56.2	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	57.2	57.2	57.2
GE 2000	29.7	57.6	58.6	59.3	60.0	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	61.0	61.0	61.0
GE 1800	29.7	57.9	59.0	59.7	60.3	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.4	61.4	61.4
GE 1600	29.7	57.9	59.0	59.7	60.3	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.4	61.4	61.4
GE 1400	29.7	57.9	59.0	59.7	60.3	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.4	61.4	61.4
GE 1200	30.0	60.0	61.0	61.7	62.4	62.6	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.4	63.4	63.4
GE 1000	31.7	67.6	69.0	70.5	71.0	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.7	72.1	72.1	72.1
GE 900	35.2	76.9	78.6	80.0	80.7	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	82.1	82.1	82.1
GE 800	36.2	77.9	79.7	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	83.1	83.1	83.1
GE 700	36.2	77.9	79.7	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	83.1	83.1	83.1
GE 600	36.2	77.9	79.7	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	83.1	83.1	83.1
GE 500	36.2	79.0	80.7	82.1	82.8	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8	84.1	84.1	84.1
GE 450	36.2	79.0	80.7	82.1	82.8	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8	84.1	84.1	84.1
GE 400	36.2	79.3	81.4	82.4	83.1	83.8	83.8	83.8	83.8	83.8	84.1	84.1	84.1	84.5	84.5	84.5
GE 350	36.2	79.3	81.4	82.8	83.4	84.1	84.1	84.1	84.1	84.1	84.5	84.5	84.5	84.8	84.8	84.8
GE 300	37.2	83.8	85.9	87.6	88.3	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.7	89.7	89.7
GE 250	37.6	87.6	90.0	91.7	92.4	93.4	93.4	93.4	93.4	93.4	93.8	93.8	93.8	94.1	94.1	94.1
GE 200	38.6	91.4	94.1	96.6	97.2	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	99.0	99.0	99.0
GE 180	38.6	91.4	94.1	96.6	97.2	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	99.0	99.0	99.0
GE 150	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 120	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 90	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 80	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 70	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 60	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 50	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 40	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 30	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 20	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 10	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE	38.6	92.1	94.8	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	23.6	52.4	54.1	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 2000C	1	24.7	55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1800C	1	24.7	55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1600C	1	24.7	55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1400C	1	24.7	55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1200C	1	25.0	56.5	58.9	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 1000C	1	29.1	67.8	70.5	71.9	71.9	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 900C	1	31.2	76.4	79.8	81.2	81.2	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 800C	1	31.8	77.4	80.8	82.2	82.2	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 700C	1	31.8	77.4	80.8	82.2	82.2	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 600C	1	31.8	77.4	80.8	82.2	82.2	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 500C	1	31.8	77.7	81.2	82.5	82.5	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 450C	1	31.8	77.7	81.2	82.5	82.5	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 400C	1	31.8	77.7	81.2	82.5	82.5	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 350C	1	32.2	78.1	81.5	82.9	82.9	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 300C	1	32.9	80.5	83.9	86.0	86.0	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 250C	1	33.6	86.3	90.1	92.1	92.1	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 200C	1	35.3	92.1	95.9	97.9	97.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 180C	1	35.3	92.1	95.9	97.9	97.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 160C	1	35.3	92.5	96.2	98.3	98.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 140C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	35.3	92.8	96.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 76-87
MONTH: JAN HOURS(IST): 1800-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.3	54.4	55.1	55.7	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 2000	22.0	56.8	57.4	58.1	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1800	22.0	56.8	57.4	58.1	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1600	22.0	56.8	57.4	58.1	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1400	22.0	56.8	57.4	58.1	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1200	22.0	57.1	58.1	58.8	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 1000	25.0	68.9	70.3	71.6	72.6	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 900	27.7	77.7	80.1	81.8	82.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 800	28.0	78.4	81.1	82.8	83.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 700	28.0	78.4	81.1	82.8	83.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	28.0	78.4	81.1	82.8	83.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 500	28.0	80.1	82.8	84.5	85.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 450	28.0	80.1	82.8	84.5	85.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 400	28.0	80.1	82.8	84.5	85.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 350	28.0	80.1	82.8	84.5	85.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 300	28.4	83.4	86.1	87.8	88.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 250	28.4	86.5	89.2	91.2	92.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 200	29.1	91.2	93.9	96.3	97.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 180	29.1	91.6	94.3	96.6	97.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 150	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	29.1	91.6	94.3	97.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 76-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	19.9	65.1	65.8	66.5	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 2000	41.4	66.9	67.6	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1800	41.4	66.9	67.6	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1600	41.4	66.9	67.6	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1400	41.4	66.9	67.6	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1200	42.1	68.3	69.1	69.8	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 1000	46.0	75.5	77.0	78.1	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 900	49.6	82.4	83.8	85.3	85.6	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 800	50.0	83.1	84.5	86.0	86.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 700	50.0	83.1	84.5	86.0	86.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 600	50.0	83.1	84.5	86.0	86.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 500	50.0	83.1	84.5	86.0	86.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 450	50.0	83.1	84.5	86.0	86.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 400	50.4	84.2	85.6	87.1	87.4	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 350	50.4	84.2	85.6	87.1	87.4	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 300	51.4	86.3	87.8	89.2	89.6	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 250	51.8	89.9	91.4	92.8	93.2	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 200	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	53.6	94.6	96.4	98.6	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	28.3	59.4	60.3	61.1	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9
GE 2000C	29.0	61.3	62.3	63.1	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
GE 1800C	29.0	61.3	62.3	63.2	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 1600C	29.0	61.3	62.3	63.2	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 1400C	29.0	61.3	62.3	63.2	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 1200C	29.3	62.6	63.7	64.6	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 1000C	32.3	71.8	73.2	74.4	75.1	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 900C	34.7	79.3	81.3	82.8	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
GE 800C	35.2	80.2	82.2	83.8	84.4	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 700C	35.2	80.2	82.2	83.8	84.4	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 600C	35.2	80.2	82.2	83.8	84.4	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 500C	35.2	81.1	83.1	84.7	85.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 450C	35.2	81.1	83.1	84.7	85.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 400C	35.2	81.3	83.3	84.9	85.6	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 350C	35.3	81.4	83.5	85.0	85.7	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.5
GE 300C	36.1	84.0	86.1	87.8	88.5	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3
GE 250C	36.7	88.6	90.9	92.7	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 200C	37.6	93.3	95.9	97.9	98.6	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 180C	37.6	93.3	95.9	98.0	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
GE 150C	37.6	93.5	96.1	98.2	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 120C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 90C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 80C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 70C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 60C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 50C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 40C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 30C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 20C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 10C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE C	37.6	93.5	96.1	98.2	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2237

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	32.8	62.2	63.5	65.1	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2000C	32.8	63.1	64.7	66.4	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1800C	32.8	63.1	64.7	66.4	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1600C	32.8	63.1	64.7	66.4	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1400C	32.8	63.1	64.7	66.4	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1200C	32.8	63.5	65.1	66.8	68.0	68.0	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1000C	34.9	68.9	71.0	73.4	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 900C	36.1	77.6	80.1	83.4	84.6	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 800C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 700C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 600C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 500C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 450C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 400C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 350C	36.1	78.0	80.5	83.8	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 300C	36.9	81.7	84.2	87.6	88.8	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 250C	37.3	86.3	88.8	92.5	93.8	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 200C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 180C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 150C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 120C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	38.6	89.2	92.9	97.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 364530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	12.0	64.0	64.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	67.1
GE 20000	12.0	64.0	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.6
GE 18000	12.0	64.0	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.6
GE 16000	12.0	64.0	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.6
GE 14000	12.0	64.0	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.6
GE 12000	12.0	64.4	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	68.0
GE 10000	15.6	71.2	73.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	75.2
GE 9000	16.9	77.9	81.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.8
GE 8000	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 7000	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 6000	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 5000	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 4500	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 4000	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 3500	17.4	79.7	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.6
GE 3000	18.3	82.0	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.8
GE 2500	18.7	85.6	89.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	93.7
GE 2000	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5
GE 1800	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5
GE 1600	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5
GE 1500	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 1200	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 1000	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 900	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 800	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 700	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 600	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 500	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 400	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 300	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 200	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE 100	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
GE	40.1	90.1	94.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 222

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0600-0600

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 5	GE 4	GE 0
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0			
NO CEIL	20.3	53.3	55.2	55.6	56.7	56.7	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.5	57.5	57.9			
GE 2000C	20.3	54.0	55.9	56.3	57.5	57.5	57.5	57.5	57.9	57.9	57.9	57.9	57.9	58.2	58.2	58.6			
GE 1800C	20.3	54.0	56.3	56.7	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.6	58.6	59.0			
GE 1600C	20.3	54.0	56.3	56.7	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.6	58.6	59.0			
GE 1400C	20.3	54.0	56.3	56.7	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.6	58.6	59.0			
GE 1200C	20.3	55.2	57.5	57.9	59.0	59.4	59.4	59.4	59.8	59.8	59.8	59.8	59.8	60.2	60.2	60.5			
GE 1000C	21.5	65.1	67.8	68.6	69.7	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.9	70.9	71.3			
GE 900C	23.0	75.9	80.8	82.4	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.7	84.7	85.1			
GE 800C	23.4	76.6	81.6	83.5	84.7	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.8	85.8	86.2			
GE 700C	23.4	76.6	81.6	83.5	84.7	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.8	85.8	86.2			
GE 600C	23.4	76.6	81.6	83.5	84.7	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.8	85.8	86.2			
GE 500C	23.4	78.9	83.9	85.8	87.0	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.5			
GE 450C	23.4	78.9	83.9	85.8	87.0	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.5			
GE 400C	23.4	78.9	83.9	85.8	87.0	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.5			
GE 350C	23.4	78.9	83.9	85.8	87.0	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.5			
GE 300C	23.4	79.7	85.1	87.0	88.1	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	89.3	89.3	89.7			
GE 250C	23.8	85.8	91.2	93.5	94.6	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.8	95.8	96.2			
GE 200C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 180C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 150C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 120C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 100C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 90C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 80C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 70C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 60C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 50C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 40C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 30C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 20C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE 10C	24.5	88.1	93.9	96.2	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.2			
GE	24.9	88.5	94.3	96.6	97.7	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 261

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	24.2	54.9	56.8	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 2000C	24.2	57.2	59.1	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1800C	24.2	57.2	59.1	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1600C	24.2	57.2	59.1	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1400C	24.2	57.2	59.1	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1200C	24.6	59.1	62.1	63.6	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1000C	24.6	63.6	68.2	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 900C	26.5	75.0	79.9	83.0	83.0	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 800C	26.5	75.8	80.7	84.1	84.1	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 700C	26.5	75.8	80.7	84.1	84.1	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 600C	26.5	75.8	80.7	84.1	84.1	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 500C	26.5	76.5	81.4	84.8	84.8	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 450C	26.5	76.5	81.4	84.8	84.8	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 400C	26.5	76.5	81.4	84.8	84.8	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 350C	26.5	76.5	81.4	84.8	84.8	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 300C	26.9	80.7	86.0	90.2	90.2	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 250C	28.8	86.7	92.4	97.0	97.0	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 180C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 150C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 120C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 90C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 80C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 70C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 60C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 40C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 30C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 10C	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	29.2	87.9	93.6	98.1	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	24.7	52.8	54.3	55.1	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 2000C	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1800C	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1600C	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1400C	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1200C	25.1	57.7	59.9	60.7	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 1000C	27.3	67.0	70.0	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 900C	30.0	78.3	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 800C	30.7	79.4	82.4	83.5	83.5	83.5	83.5	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 700C	30.7	79.4	82.4	83.5	83.5	83.5	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 600C	30.7	79.4	82.4	83.5	83.5	83.5	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 500C	30.7	79.8	82.8	83.9	83.9	83.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 450C	30.7	79.8	82.8	83.9	83.9	83.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 400C	30.7	79.8	82.8	83.9	83.9	83.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 350C	30.7	80.1	83.1	84.6	84.6	84.6	84.6	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 300C	31.8	82.0	85.4	87.3	87.3	87.3	87.3	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 250C	33.0	89.5	92.9	94.8	94.8	95.1	95.1	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 200C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	34.1	93.3	96.6	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453Z STATION NAME: GELA ITALY

PERIOD OF RECORD: 74-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	60	90	80	60	40	40	32	24	20	16	12	10	8	5	4
NO CEIL	23.1	53.7	54.9	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 2000	23.9	57.5	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1800	23.9	57.5	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1600	23.9	57.5	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1400	23.9	57.5	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1200	24.3	58.6	60.1	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1000	29.5	70.1	71.6	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 900	32.5	81.0	83.2	84.3	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 800	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 700	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 600	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 500	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 450	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 400	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 350	32.5	81.7	84.0	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 300	33.2	85.8	88.1	89.6	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 250	34.7	90.3	92.3	94.4	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 200	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	35.8	93.3	95.5	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 268

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	22.7	54.6	56.1	57.6	57.6	58.0	58.0	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 2000C	23.0	57.2	58.7	60.2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1800C	23.0	57.2	58.7	60.2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1600C	23.0	57.2	58.7	60.2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1400C	23.0	57.2	58.7	60.2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1200C	23.4	58.4	59.9	61.3	61.7	62.1	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000C	26.8	64.3	66.5	68.8	69.1	69.5	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 900C	27.9	74.3	77.3	79.6	79.9	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 800C	27.9	75.5	78.4	80.7	81.4	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 700C	27.9	75.5	78.4	80.7	81.4	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 600C	27.9	75.5	78.4	80.7	81.4	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 500C	28.3	76.2	79.2	81.4	82.2	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 450C	28.3	76.2	79.2	81.4	82.2	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 400C	28.3	76.2	79.2	81.4	82.2	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3
GE 350C	29.0	77.0	79.9	82.2	82.9	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0
GE 300C	29.4	79.6	82.5	84.8	85.5	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6
GE 250C	29.7	85.1	89.6	92.2	92.9	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1
GE 200C	30.9	89.2	94.1	97.0	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 180C	30.9	89.2	94.1	97.0	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 150C	30.9	89.2	94.1	97.0	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 120C	30.9	89.2	94.1	97.0	97.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 100C	30.9	89.2	94.1	97.0	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 90C	30.9	89.2	94.1	97.0	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 80C	30.9	89.2	94.1	97.0	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 70C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 60C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 50C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 40C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 30C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 20C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 10C	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE	30.9	89.6	94.4	97.4	98.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453E STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	6T	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4
NO CEIL	1	29.1	57.9	59.5	60.3	60.3	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 2000C	1	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1800C	1	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1600C	1	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1400C	1	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1200C	1	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1000C	1	32.0	65.2	67.2	69.6	69.6	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 900C	1	35.6	77.7	80.6	83.0	83.0	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 800C	1	35.6	78.1	81.0	83.4	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 700C	1	35.6	78.1	81.0	83.4	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 600C	1	35.6	78.1	81.0	83.4	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 500C	1	35.6	78.1	81.0	83.4	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 450C	1	35.6	78.1	81.0	83.4	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 400C	1	35.6	78.1	81.0	83.4	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 350C	1	35.6	78.5	81.4	83.8	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 300C	1	36.0	80.2	83.0	85.4	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 250C	1	38.1	87.4	90.7	93.5	93.5	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 200C	1	38.9	90.3	93.9	98.0	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 180C	1	38.9	90.3	93.9	98.0	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 150C	1	38.9	90.3	93.9	98.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 120C	1	38.9	90.3	93.9	98.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	1	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	C	38.9	90.3	93.9	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS: 15Z ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.9	56.4	57.9	59.0	59.2	59.4	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.9
GE 2000C	26.0	58.2	59.9	61.0	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	62.0
GE 1800C	26.0	58.2	59.9	61.1	61.4	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.1
GE 1600C	26.0	58.2	59.9	61.1	61.4	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.1
GE 1400C	26.0	58.2	59.9	61.1	61.4	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.1
GE 1200C	26.2	59.3	61.3	62.4	62.7	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.5
GE 1000C	28.8	66.8	69.3	71.0	71.4	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.1
GE 900C	30.8	77.2	80.5	82.5	83.0	83.3	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.8
GE 800C	31.0	78.1	81.4	83.5	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.9
GE 700C	31.0	78.1	81.4	83.5	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.9
GE 600C	31.0	78.1	81.4	83.5	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.9
GE 500C	31.1	78.6	82.0	84.1	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.4
GE 450C	31.1	78.6	82.0	84.1	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.4
GE 400C	31.1	78.6	82.0	84.1	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.5
GE 350C	31.2	78.8	82.1	84.3	84.8	85.1	85.1	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.7
GE 300C	31.4	81.5	84.9	87.3	87.8	88.1	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.8
GE 250C	32.8	87.2	91.0	93.8	94.3	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.4
GE 200C	33.8	90.2	94.4	97.7	98.3	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.6
GE 180C	33.8	90.2	94.4	97.7	98.3	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.6
GE 150C	33.8	90.2	94.4	97.8	98.3	98.9	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.7
GE 120C	33.8	90.2	94.4	97.8	98.3	98.9	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.7
GE 100C	33.8	90.2	94.4	97.8	98.4	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 90C	33.8	90.2	94.4	97.8	98.4	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 80C	33.8	90.2	94.4	97.8	98.4	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 70C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE 60C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE 50C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE 40C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE 30C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE 200C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE 100C	33.8	90.2	94.5	97.9	98.4	99.1	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.9
GE C	33.8	90.3	94.5	97.9	98.5	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2039

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS: 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS																
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24	30
NO CEIL	26.9	63.3	65.5	67.0	67.0	67.8	68.2	68.6	68.6	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 2000	26.9	63.6	65.9	67.4	67.4	68.2	68.6	68.9	68.9	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1800	26.9	63.6	65.9	67.4	67.4	68.2	68.6	68.9	68.9	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1600	26.9	64.0	66.3	67.8	67.8	68.6	68.9	69.3	69.3	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1400	26.9	64.0	66.3	67.8	67.8	68.6	68.9	69.3	69.3	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1200	26.9	64.0	66.7	68.2	68.2	68.9	69.3	69.7	69.7	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 1000	29.9	70.8	73.5	75.4	75.4	76.1	76.5	76.9	76.9	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 900	21.4	78.0	81.1	83.3	84.5	85.2	85.6	86.0	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 800	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 700	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 600	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 500	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 450	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 400	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 350	21.4	78.8	81.8	84.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	22.6	80.7	84.1	86.4	87.9	89.0	89.4	89.8	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 250	23.0	86.0	89.8	92.4	93.9	95.1	95.5	95.8	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 200	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	23.3	88.6	92.8	95.5	97.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL	1	20.1	64.8	66.4	69.1	69.5	70.7	70.7	71.1	71.1	71.1	71.5	71.5	71.5	71.9	71.9	71.9
GE 2000C	1	20.1	65.2	66.8	69.5	69.9	71.1	71.1	71.5	71.5	71.5	71.9	71.9	71.9	72.3	72.3	72.3
GE 1800C	1	20.1	65.2	66.8	69.5	69.9	71.1	71.1	71.5	71.5	71.5	71.9	71.9	71.9	72.3	72.3	72.3
GE 1600C	1	20.1	65.2	66.8	69.5	69.9	71.1	71.1	71.5	71.5	71.5	71.9	71.9	71.9	72.3	72.3	72.3
GE 1400C	1	20.1	65.2	66.8	69.5	69.9	71.1	71.1	71.5	71.5	71.5	71.9	71.9	71.9	72.3	72.3	72.3
GE 1200C	1	20.1	66.0	67.6	70.3	70.7	71.9	71.9	72.3	72.3	72.3	72.7	72.7	72.7	73.0	73.0	73.0
GE 1000C	1	21.3	71.5	74.2	77.0	77.3	78.5	78.5	78.9	78.9	78.9	79.3	79.3	79.3	79.7	79.7	79.7
GE 900C	1	23.6	77.7	80.5	84.4	85.2	86.7	86.7	87.1	87.1	87.1	87.5	87.5	87.5	87.9	87.9	87.9
GE 800C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 700C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 600C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 500C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 450C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 400C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 350C	1	23.6	78.5	81.3	85.5	86.3	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1
GE 300C	1	24.4	81.3	84.0	88.7	89.5	91.0	91.0	91.4	91.4	91.4	91.8	91.8	91.8	92.2	92.2	92.2
GE 250C	1	24.4	85.5	88.7	93.8	94.5	96.1	96.1	96.5	96.5	96.5	96.9	96.9	96.9	97.3	97.3	97.3
GE 200C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 180C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 150C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 120C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 100C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 90C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 80C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 70C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 60C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 50C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 40C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 30C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 20C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE 10C	1	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6
GE	C	24.4	86.7	90.2	95.3	96.9	98.4	98.4	98.8	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 256

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	15.1	58.5	60.2	61.3	61.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0
GE 2000C	15.1	60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
GE 1800C	15.1	60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
GE 1600C	15.1	60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
GE 1400C	15.1	60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
GE 1200C	15.1	61.6	63.7	65.1	65.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.3
GE 1000C	16.9	70.1	72.5	74.3	75.0	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8
GE 900C	18.3	75.4	78.5	80.6	81.7	82.7	82.7	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2
GE 800C	18.3	76.4	79.6	81.7	83.5	84.9	84.9	85.6	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.6
GE 700C	18.3	76.4	79.6	81.7	83.5	84.9	84.9	85.6	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.6
GE 600C	18.3	76.4	79.6	81.7	83.5	84.9	84.9	85.6	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.6
GE 500C	18.3	78.5	81.7	83.8	85.6	87.0	87.0	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.7
GE 450C	18.3	78.5	81.7	83.8	85.6	87.0	87.0	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.7
GE 400C	18.3	78.9	82.0	84.2	85.9	87.3	87.3	88.0	88.4	88.4	88.7	88.7	88.7	88.7	88.7	89.1
GE 350C	18.3	78.9	82.0	84.2	85.9	87.3	87.3	88.0	88.4	88.4	88.7	88.7	88.7	88.7	88.7	89.1
GE 300C	18.3	80.6	83.8	85.9	87.7	89.1	89.1	89.8	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.8
GE 250C	18.7	84.9	88.0	91.9	93.7	95.1	95.1	95.8	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.8
GE 200C	18.7	87.0	90.1	94.0	95.8	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.9
GE 180C	18.7	87.0	90.1	94.0	95.8	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.9
GE 150C	18.7	87.3	90.5	94.4	96.1	97.5	97.5	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.3
GE 120C	18.7	87.3	90.5	94.4	96.1	97.5	97.5	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.3
GE 100C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 90C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 80C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 70C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 60C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 50C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 40C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 30C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 20C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE 10C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.6
GE C	18.7	87.7	90.8	94.7	96.5	97.9	97.9	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0900-1100

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	22.1	58.3	60.0	60.7	61.0	61.7	61.7	62.1	62.4	62.4	62.4	62.4	62.8	62.8	62.8	62.8	62.8
GE 2000C	22.1	61.0	62.8	63.8	64.1	64.8	64.8	65.2	65.5	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9
GE 1800C	22.1	61.0	62.8	63.8	64.1	64.8	64.8	65.2	65.5	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9
GE 1600C	22.1	61.0	62.8	63.8	64.1	64.8	64.8	65.2	65.5	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9
GE 1400C	22.1	61.0	62.8	63.8	64.1	64.8	64.8	65.2	65.5	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9
GE 1200C	23.1	63.8	65.5	66.9	67.2	67.9	67.9	68.3	68.6	68.6	68.6	68.6	69.0	69.0	69.0	69.0	69.0
GE 1000C	24.1	72.1	74.1	75.5	76.9	77.6	77.6	77.9	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6
GE 900C	24.5	77.2	79.7	81.7	83.4	84.8	84.8	85.2	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9
GE 800C	24.5	77.2	79.7	82.1	84.1	85.5	85.5	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6
GE 700C	24.5	77.2	79.7	82.1	84.1	85.5	85.5	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6
GE 600C	24.5	77.2	79.7	82.1	84.1	85.5	85.5	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6
GE 500C	24.5	79.3	81.7	84.1	86.2	87.6	87.6	87.9	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6
GE 450C	24.5	79.3	81.7	84.1	86.2	87.6	87.6	87.9	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6
GE 400C	24.5	79.7	82.1	84.5	86.6	87.9	87.9	88.3	88.6	88.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0
GE 350C	24.8	80.0	82.4	84.8	86.9	88.3	88.3	88.6	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3
GE 300C	25.2	82.4	85.5	87.9	90.0	91.4	91.4	91.7	92.1	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4
GE 250C	25.9	86.2	89.3	92.4	94.5	95.9	95.9	96.2	96.6	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9
GE 200C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3
GE 180C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3
GE 150C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7
GE 120C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7
GE 100C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7
GE 90C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7
GE 80C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7
GE 70C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7
GE 60C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0
GE 50C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0
GE 40C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0
GE 30C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0
GE 20C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0
GE 10C	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0
GE	CI	26.2	87.6	90.7	94.8	96.9	98.3	98.3	98.6	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	24.7	58.8	60.1	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 2000	25.7	63.9	65.2	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 1800	25.7	64.2	65.5	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1600	25.7	64.2	65.5	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1400	25.7	64.2	65.5	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1200	26.0	67.6	68.9	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1000	28.4	74.7	76.7	79.1	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 900	30.7	83.1	85.5	88.2	88.2	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 800	31.4	84.1	86.5	89.2	89.2	89.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	31.4	84.1	86.5	89.2	89.2	89.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	31.4	84.1	86.5	89.2	89.2	89.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	31.4	84.5	86.8	89.5	89.5	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 450	31.4	84.5	86.8	89.5	89.5	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 400	31.8	85.5	87.8	90.5	90.5	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 350	31.8	85.5	87.8	90.5	90.5	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 300	32.8	87.8	90.2	92.9	92.9	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 250	32.8	90.5	93.6	96.3	96.3	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	33.1	91.6	94.9	98.3	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	24.3	54.8	55.5	56.5	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 2000C	25.7	60.6	61.3	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1800C	25.7	60.6	61.3	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1600C	25.7	60.6	61.3	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1400C	25.7	60.6	61.3	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1200C	26.4	63.0	63.7	65.4	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1000C	28.8	71.6	72.3	74.3	74.7	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 900C	29.8	74.1	80.8	83.2	83.6	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 800C	30.1	79.5	81.2	83.6	83.9	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 700C	30.1	79.5	81.2	83.6	83.9	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 600C	30.1	79.5	81.2	83.6	83.9	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 500C	30.1	79.8	81.5	83.9	84.2	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 450C	30.1	79.8	81.5	83.9	84.2	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 400C	30.5	80.1	81.8	84.2	84.6	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 350C	30.5	80.1	81.8	84.2	84.6	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 300C	30.5	84.2	86.0	88.4	88.7	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 250C	31.2	89.4	91.4	94.5	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 200C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	31.8	92.1	94.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.3	53.9	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9	55.9
GE 20000	19.7	59.3	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.4	61.7	61.7	61.7
GE 18000	19.7	59.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	62.0	62.0
GE 16000	19.7	59.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	62.0	62.0
GE 14000	19.7	59.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	62.0	62.0
GE 12000	20.3	61.4	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.7	63.7	63.7
GE 10000	23.1	71.2	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	74.2	74.2	74.2
GE 9000	26.1	78.3	80.3	82.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7	84.1	84.1	84.1
GE 8000	26.1	80.0	82.0	83.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.8	86.1	86.1
GE 7000	26.1	80.0	82.0	83.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.8	86.1	86.1
GE 6000	26.1	80.0	82.0	83.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.8	86.1	86.1
GE 5000	26.1	81.0	83.1	84.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8	87.1	87.1
GE 4500	26.1	81.0	83.1	84.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8	87.1	87.1
GE 4000	26.1	81.4	83.4	85.1	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1	87.5	87.5
GE 3500	26.1	81.7	83.7	85.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.5	87.8	87.8
GE 3000	26.4	84.7	86.8	88.5	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.8	91.2	91.2
GE 2500	26.8	88.5	91.5	94.2	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.9	96.9
GE 2000	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.7	99.7
GE 1800	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.7	99.7
GE 1500	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 1200	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 1000	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 900	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 800	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 700	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 600	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 500	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 400	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 300	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 200	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE 100	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0
GE	27.1	90.5	93.9	96.6	98.0	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	32.3	64.9	68.4	69.5	69.8	76.5	70.5	70.5	70.9	70.9	71.2	71.2	71.6	71.6	71.6	71.6
GE 2000C	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	73.0	73.3	73.3	73.3	73.3
GE 1800C	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	73.0	73.3	73.3	73.3	73.3
GE 1600C	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	73.0	73.3	73.3	73.3	73.3
GE 1400C	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	73.0	73.3	73.3	73.3	73.3
GE 1200C	23.0	67.0	70.5	71.6	71.9	72.6	72.6	72.6	73.0	73.0	73.3	73.3	73.7	73.7	73.7	73.7
GE 1000C	25.1	76.1	80.0	81.1	81.8	82.5	82.5	82.5	82.8	82.8	83.2	83.2	83.5	83.5	83.5	83.5
GE 900C	25.8	80.4	84.6	86.0	87.4	88.1	88.1	88.1	88.4	88.4	88.8	88.8	89.1	89.1	89.1	89.1
GE 800C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 700C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 600C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 500C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 450C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 400C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 350C	26.5	82.1	86.3	87.7	89.1	89.8	89.8	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
GE 300C	26.8	83.5	87.7	89.1	90.5	91.6	91.6	91.6	91.9	91.9	92.3	92.3	92.6	92.6	92.6	92.6
GE 250C	27.5	86.3	90.9	92.3	93.7	94.7	94.7	94.7	95.1	95.1	95.4	95.4	95.8	95.8	95.8	95.8
GE 200C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.6	98.9	98.9	99.3	99.3	99.6	99.6	99.6	99.6
GE 180C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.6	98.9	98.9	99.3	99.3	99.6	99.6	99.6	99.6
GE 150C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 120C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 100C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 90C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 80C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 70C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 60C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 50C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 40C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 30C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 20C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 10C	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE	27.9	89.1	94.0	95.4	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	24.2	59.5	61.3	62.5	62.7	63.3	63.4	63.5	63.6	63.6	63.7	63.8	63.9	63.9	63.9	64.0
GE 2000C	24.7	62.6	64.4	65.7	66.0	66.6	66.6	66.8	66.8	66.9	67.0	67.1	67.2	67.2	67.2	67.3
GE 1800C	24.7	62.6	64.5	65.8	66.0	66.7	66.7	66.8	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.4
GE 1600C	24.7	62.7	64.5	65.8	66.1	66.7	66.8	66.9	67.0	67.0	67.2	67.2	67.3	67.4	67.4	67.4
GE 1400C	24.7	62.7	64.5	65.8	66.1	66.7	66.8	66.9	67.0	67.0	67.2	67.2	67.3	67.4	67.4	67.4
GE 1200C	25.0	64.3	66.1	67.6	67.9	68.5	68.6	68.7	68.8	68.8	69.0	69.0	69.1	69.2	69.2	69.2
GE 1000C	27.1	72.3	74.5	76.3	76.7	77.4	77.4	77.6	77.7	77.8	77.9	77.9	78.0	78.1	78.1	78.2
GE 900C	28.7	78.7	81.4	83.7	84.6	85.5	85.5	85.8	85.9	86.0	86.1	86.2	86.3	86.3	86.3	86.4
GE 800C	28.9	79.6	82.3	84.7	85.9	86.7	86.8	87.1	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.8
GE 700C	28.9	79.6	82.3	84.7	85.9	86.7	86.8	87.1	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.8
GE 600C	28.9	79.6	82.3	84.7	85.9	86.7	86.8	87.1	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.8
GE 500C	28.9	80.4	83.1	85.5	86.6	87.5	87.5	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.5	88.5
GE 450C	28.9	80.4	83.1	85.5	86.6	87.5	87.5	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.5	88.5
GE 400C	29.0	80.7	83.4	85.8	86.9	87.8	87.8	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.8	88.8
GE 350C	29.0	80.8	83.5	85.9	87.0	87.9	87.9	88.3	88.4	88.5	88.6	88.7	88.8	88.9	88.9	88.9
GE 300C	29.5	83.2	86.1	88.5	89.7	90.7	90.7	91.1	91.2	91.2	91.4	91.5	91.6	91.6	91.6	91.7
GE 250C	29.9	87.2	90.5	93.5	94.7	95.7	95.7	96.1	96.2	96.2	96.4	96.5	96.6	96.6	96.6	96.7
GE 200C	30.2	89.2	92.7	96.1	97.4	98.5	98.5	99.0	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6
GE 180C	30.2	89.2	92.7	96.1	97.4	98.5	98.5	99.0	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6
GE 150C	30.2	89.3	92.7	96.2	97.5	98.5	98.6	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8
GE 120C	30.2	89.3	92.7	96.2	97.5	98.5	98.6	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8
GE 100C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9
GE 90C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9
GE 80C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9
GE 70C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9
GE 60C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9
GE 50C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9
GE 40C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9
GE 30C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9
GE 20C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9
GE 10C	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	99.9
GE	30.2	89.3	92.8	96.2	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2262

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AJR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	28.1	70.8	72.7	76.3	76.7	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000C	28.5	71.9	73.9	77.5	77.9	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800C	28.5	71.9	73.9	77.5	77.9	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1600C	28.5	71.9	73.9	77.5	77.9	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1400C	28.5	71.9	73.9	77.5	77.9	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200C	29.2	73.5	75.5	79.1	79.4	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000C	30.8	81.0	83.4	87.4	87.7	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900C	31.2	84.2	87.0	90.9	91.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800C	31.2	85.0	87.7	91.7	92.1	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700C	31.2	85.0	87.7	91.7	92.1	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600C	31.2	85.0	87.7	91.7	92.1	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500C	31.2	85.4	88.1	92.1	92.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 450C	31.2	85.4	88.1	92.1	92.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400C	31.2	85.4	88.1	92.1	92.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 350C	31.2	85.4	88.1	92.1	92.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 300C	31.6	87.0	89.7	93.7	94.1	96.0	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 250C	31.6	88.1	90.9	94.9	95.3	97.2	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 200C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	32.8	90.1	92.9	96.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 253

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	1	25.4	69.2	70.8	74.2	75.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1
GE 2000	1	25.8	69.6	71.7	75.0	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9
GE 1800	1	25.8	69.6	71.7	75.0	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9
GE 1600	1	25.8	69.6	71.7	75.0	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9
GE 1400	1	25.8	69.6	71.7	75.0	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9
GE 1200	1	25.8	69.6	71.7	75.0	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9
GE 1000	1	28.8	77.5	79.6	82.9	84.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.8
GE 900	1	30.0	82.5	85.0	88.3	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.3
GE 800	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 700	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 600	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 500	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 450	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 400	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 350	1	30.0	82.9	85.8	89.2	90.4	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.5
GE 300	1	30.8	85.0	87.9	91.7	92.9	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	95.0
GE 250	1	31.3	86.3	90.0	93.8	95.0	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	97.5
GE 200	1	31.7	87.9	92.1	95.8	97.1	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	99.6
GE 180	1	31.7	87.9	92.1	95.8	97.1	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	99.6
GE 150	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 120	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 100	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 90	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 80	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 70	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 60	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 50	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 40	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 30	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 20	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE 10	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0
GE	1	31.7	88.3	92.5	96.3	97.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS: 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
FEET																	
NO CEIL	18.4	56.6	60.1	63.9	64.6	65.3	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.3	66.7	66.7	
GE 2000C	19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9	
GE 1800C	19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9	
GE 1600C	19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9	
GE 1400C	19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9	
GE 1200C	19.4	61.8	65.3	69.8	70.5	71.2	71.2	71.5	71.9	71.9	71.9	71.9	71.9	72.2	72.6	72.6	
GE 1000C	20.5	69.8	74.7	79.2	79.9	80.6	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.6	81.9	81.9	
GE 900C	21.2	76.4	81.6	86.1	87.2	88.2	88.2	88.5	88.9	89.2	89.2	89.2	89.2	89.6	89.9	89.9	
GE 800C	21.9	78.1	83.3	87.8	88.9	89.9	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.3	91.7	91.7	
GE 700C	21.9	78.1	83.3	87.8	88.9	89.9	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.3	91.7	91.7	
GE 600C	21.9	78.1	83.3	87.8	88.9	89.9	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.3	91.7	91.7	
GE 500C	21.9	79.2	84.4	88.9	89.9	91.0	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.4	92.7	92.7	
GE 450C	21.9	79.2	84.4	88.9	89.9	91.0	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.4	92.7	92.7	
GE 400C	21.9	79.2	84.4	88.9	89.9	91.0	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.4	92.7	92.7	
GE 350C	21.9	79.5	84.7	89.2	90.3	91.3	91.3	91.7	92.0	92.4	92.4	92.4	92.4	92.7	93.1	93.1	
GE 300C	21.9	80.9	86.1	90.6	91.7	92.7	92.7	93.1	93.4	93.8	93.8	93.8	93.8	94.1	94.4	94.4	
GE 250C	21.9	81.6	87.5	92.7	93.8	94.8	94.8	95.1	95.5	95.8	95.8	95.8	95.8	96.2	96.5	96.5	
GE 200C	21.9	83.0	89.2	94.4	95.5	96.9	96.9	97.2	97.6	97.9	97.9	97.9	97.9	98.3	98.6	98.6	
GE 180C	21.9	83.0	89.6	94.8	95.8	97.2	97.2	97.6	97.9	98.3	98.3	98.3	98.3	98.6	99.0	99.0	
GE 150C	21.9	83.0	89.6	94.8	95.8	97.6	97.6	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.3	99.3	
GE 120C	21.9	83.0	89.6	94.8	95.8	97.6	97.6	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.3	99.3	
GE 100C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 90C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 80C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 70C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 60C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 50C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 40C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 30C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 20C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE 10C	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	
GE	CI	21.9	83.0	89.9	95.1	96.2	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.3	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1	23.0	59.9	62.7	64.5	64.8	65.9	65.9	65.9	66.2	66.2	66.6	66.6	66.6	66.6	66.6	
GE 2000	1	23.7	63.4	66.9	69.0	69.3	70.4	70.4	70.4	70.7	70.7	71.1	71.1	71.1	71.1	71.1	
GE 1800	1	23.7	63.4	66.9	69.0	69.3	70.4	70.4	70.4	70.7	70.7	71.1	71.1	71.1	71.1	71.1	
GE 1600	1	23.7	63.4	66.9	69.0	69.3	70.4	70.4	70.4	70.7	70.7	71.1	71.1	71.1	71.1	71.1	
GE 1400	1	23.7	63.4	66.9	69.0	69.3	70.4	70.4	70.4	70.7	70.7	71.1	71.1	71.1	71.1	71.1	
GE 1200	1	24.0	63.8	67.2	69.7	70.0	71.1	71.1	71.1	71.4	71.4	71.8	71.8	71.8	71.8	71.8	
GE 1000	1	25.4	72.8	78.0	81.2	81.9	83.3	83.3	83.3	83.6	83.6	84.0	84.0	84.0	84.0	84.0	
GE 900	1	26.5	80.8	86.8	90.2	90.9	92.7	92.7	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	
GE 800	1	26.5	80.8	86.8	90.2	90.9	92.7	92.7	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	
GE 700	1	26.5	80.8	86.8	90.2	90.9	92.7	92.7	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	
GE 600	1	26.5	80.8	86.8	90.2	90.9	92.7	92.7	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	
GE 500	1	26.5	81.5	87.5	90.9	91.6	93.4	93.4	93.4	93.7	93.7	94.1	94.1	94.1	94.1	94.1	
GE 450	1	26.5	81.9	87.8	91.3	92.0	93.7	93.7	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.4	
GE 400	1	26.5	81.9	87.8	91.3	92.0	93.7	93.7	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.4	
GE 350	1	26.5	82.2	88.2	91.6	92.3	94.1	94.1	94.1	94.4	94.4	94.8	94.8	94.8	94.8	94.8	
GE 300	1	26.5	83.3	89.2	92.7	93.4	95.1	95.1	95.1	95.5	95.5	95.8	95.8	95.8	95.8	95.8	
GE 250	1	27.2	85.0	90.9	94.4	95.1	97.2	97.2	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	
GE 200	1	27.5	86.4	92.3	96.2	96.9	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 180	1	27.5	86.4	92.3	96.2	96.9	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 150	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 120	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 100	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 90	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 80	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 70	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 60	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 50	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 40	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 30	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 20	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 10	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE	1	27.9	86.8	92.7	96.5	97.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	22.8	60.0	62.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.9	63.9	63.9
GE 2000	23.2	63.5	67.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.1
GE 1800	23.2	63.5	67.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.1
GE 1600	23.2	63.5	67.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.1
GE 1400	23.2	63.5	67.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.1
GE 1200	23.2	63.5	67.4	68.8	68.8	68.6	68.6	68.8	68.8	68.8	68.8	69.1	69.1	69.1	69.5	69.5	69.5
GE 1000	25.6	74.0	78.2	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.7	81.1	81.1	81.1
GE 900	27.4	82.8	87.4	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	90.2	90.2	90.2
GE 800	27.4	83.2	87.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.5	90.5	90.5
GE 700	27.4	83.2	87.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.5	90.5	90.5
GE 600	27.4	83.2	87.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.5	90.5	90.5
GE 500	27.4	83.9	88.4	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	90.9	91.2	91.2	91.2
GE 450	27.4	83.9	88.4	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	90.9	91.2	91.2	91.2
GE 400	27.7	84.2	88.8	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.6	91.6	91.6
GE 350	28.1	84.6	89.1	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.9	91.9	91.9
GE 300	28.1	87.0	91.6	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.4	94.4	94.4
GE 250	28.8	89.1	93.7	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.8	96.8	96.8
GE 200	29.1	90.5	95.1	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.9	97.9	97.9	98.2	98.2	98.2
GE 180	29.1	90.5	95.4	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6
GE 150	29.1	90.9	95.8	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.9	98.9	98.9
GE 120	29.1	90.9	95.8	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.9	98.9	98.9
GE 100	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 90	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 80	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 70	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 60	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 50	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 40	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 30	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 20	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE 10	29.1	91.2	96.1	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6
GE	29.1	91.6	96.5	98.2	98.6	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(EST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	23.7	57.1	59.9	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 2000C	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1800C	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1600C	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1400C	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200C	25.1	63.4	67.6	68.3	68.6	68.6	68.6	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1000C	27.2	72.8	77.7	79.1	79.4	79.4	79.4	79.8	79.8	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 900C	28.6	80.8	86.8	88.9	89.5	89.5	89.5	89.9	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800C	28.9	81.2	87.1	89.2	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 700C	28.9	81.2	87.1	89.2	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 600C	28.9	81.2	87.1	89.2	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 500C	29.9	81.9	87.8	89.9	90.6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 450C	28.9	81.9	87.8	89.9	90.6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 400C	28.9	81.9	87.8	89.9	90.6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 350C	28.9	82.2	88.2	90.2	90.9	90.9	90.9	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 300C	29.3	84.3	90.6	92.7	93.4	93.4	93.4	93.7	93.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 250C	29.6	86.4	93.4	95.5	96.2	96.2	96.2	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 200C	29.6	88.5	95.5	97.6	98.3	98.3	98.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 180C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 150C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	20.9	58.2	61.6	63.0	63.4	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.4	64.4	64.4	64.4
GE 2000	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	23.7	57.1	59.9	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3
GE 2000CI	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3
GE 1800CI	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3
GE 1600CI	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3
GE 1400CI	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200CI	25.1	63.4	67.6	68.3	68.6	68.6	68.6	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7
GE 1000CI	27.2	72.8	77.7	79.1	79.4	79.4	79.4	79.8	79.8	79.8	80.5	80.5	80.5	80.5	80.5	80.5
GE 900CI	28.6	80.8	86.8	88.9	89.5	89.5	89.5	89.9	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6
GE 800CI	28.9	81.2	87.1	89.2	89.9	89.9	89.9	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 700CI	28.9	81.2	87.1	89.2	89.9	89.9	89.9	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 600CI	28.9	81.2	87.1	89.2	89.9	89.9	89.9	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 500CI	28.9	81.9	87.8	89.9	90.6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6
GE 450CI	28.9	81.9	87.8	89.9	90.6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6
GE 400CI	28.9	81.9	87.8	89.9	90.6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6
GE 350CI	28.9	82.2	88.2	90.2	90.9	90.9	90.9	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
GE 300CI	29.3	84.3	90.6	92.7	93.4	93.4	93.4	93.7	93.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4
GE 250CI	29.6	86.4	93.4	95.5	96.2	96.2	96.2	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2
GE 200CI	29.6	88.5	95.5	97.6	98.3	98.3	98.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3
GE 180CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7
GE 150CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 120CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 100CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 90CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 80CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 70CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 60CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 50CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 40CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 30CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 20CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 10CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE CI	29.6	88.9	95.8	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1400-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	20.9	58.2	61.6	63.0	63.4	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.4	64.4	64.4	64.4
GE 20000	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5
GE 18000	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5
GE 16000	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5
GE 14000	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5
GE 12000	21.9	65.1	68.8	70.9	71.6	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.6	72.6	72.6	72.6
GE 10000	24.7	74.7	78.8	81.2	81.8	82.5	82.5	82.5	82.5	82.5	82.9	82.9	83.2	83.2	83.2	83.2
GE 9000	25.7	81.8	86.6	89.7	90.8	91.4	91.4	91.4	91.4	91.4	91.8	91.8	92.1	92.5	92.5	92.5
GE 8000	25.7	81.8	86.6	89.7	90.8	91.4	91.4	91.4	91.4	91.4	91.8	91.8	92.1	92.5	92.5	92.5
GE 7000	25.7	81.8	86.6	89.7	90.8	91.4	91.4	91.4	91.4	91.4	91.8	91.8	92.1	92.5	92.5	92.5
GE 6000	25.7	81.8	86.6	89.7	90.8	91.4	91.4	91.4	91.4	91.4	91.8	91.8	92.1	92.5	92.5	92.5
GE 5000	25.7	82.5	87.3	90.4	91.4	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.8	93.2	93.2	93.2
GE 4500	25.7	82.5	87.3	90.4	91.4	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.8	93.2	93.2	93.2
GE 4000	25.7	82.5	87.3	90.4	91.4	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.8	93.2	93.2	93.2
GE 3500	25.7	82.9	87.7	90.8	91.8	92.5	92.5	92.5	92.5	92.5	92.8	92.8	93.2	93.5	93.5	93.5
GE 3000	26.4	84.6	89.4	92.5	93.5	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.9	95.2	95.2	95.2
GE 2500	26.4	85.6	90.8	93.8	94.9	95.5	95.5	95.5	95.5	95.5	95.9	95.9	96.2	96.6	96.6	96.6
GE 2000	26.4	87.7	92.8	95.9	97.3	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.6	99.0	99.0	99.0
GE 1800	26.4	88.0	93.2	96.2	97.6	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	99.0	99.3	99.3
GE 1500	26.4	88.0	93.2	96.2	97.6	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	99.0	99.3	99.3
GE 1200	26.4	88.0	93.2	96.2	97.6	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	99.0	99.3	99.3
GE 1000	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 900	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 800	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 700	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 600	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 500	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 400	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 300	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 200	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 100	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7
GE 0	26.4	88.4	93.5	96.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	30.3	69.7	72.3	75.3	75.7	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 20000	30.7	70.8	74.2	77.2	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 18000	30.7	70.8	74.2	77.2	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	30.7	70.8	74.2	77.2	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	30.7	70.8	74.2	77.2	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	31.1	71.5	74.9	77.9	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	32.2	79.0	82.4	85.4	86.1	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 9000	33.7	85.4	88.8	92.5	93.3	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 8000	34.1	86.1	89.5	93.3	94.4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 7000	34.1	86.1	89.5	93.3	94.4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 6000	34.1	86.1	89.5	93.3	94.4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 5000	34.1	86.5	89.9	93.6	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	34.1	86.5	89.9	93.6	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	34.1	86.5	89.9	93.6	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	34.1	86.5	89.9	93.6	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	34.5	87.6	91.4	95.1	96.3	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	34.8	88.0	91.8	95.9	97.0	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	34.8	89.1	92.9	97.0	98.5	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	34.8	89.1	92.9	97.0	98.5	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	34.8	89.5	93.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	23.9	62.3	65.0	67.3	67.7	68.3	68.3	68.5	68.6	68.6	68.8	68.8	68.8	68.9	69.0	69.0
GE 20000	24.6	65.5	68.8	71.3	71.8	72.4	72.4	72.6	72.7	72.7	72.9	72.9	73.0	73.1	73.1	73.2
GE 18000	24.6	65.5	68.8	71.3	71.8	72.4	72.4	72.6	72.7	72.7	72.9	72.9	73.0	73.1	73.1	73.2
GE 16000	24.6	65.5	68.8	71.3	71.8	72.4	72.4	72.6	72.7	72.7	72.9	72.9	73.0	73.1	73.1	73.2
GE 14000	24.6	65.5	68.8	71.3	71.8	72.4	72.4	72.6	72.7	72.7	72.9	72.9	73.0	73.1	73.1	73.2
GE 12000	24.6	66.3	69.6	72.2	72.7	73.4	73.4	73.6	73.7	73.7	73.9	73.9	73.9	74.0	74.1	74.1
GE 10000	26.7	75.0	79.0	81.9	82.5	83.3	83.3	83.5	83.6	83.6	83.8	83.8	83.9	83.9	84.0	84.0
GE 9000	27.9	81.8	86.2	89.4	90.2	91.1	91.1	91.3	91.4	91.5	91.7	91.7	91.7	91.9	91.9	92.0
GE 8000	28.1	82.3	86.8	90.0	90.9	91.8	91.8	92.0	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.7
GE 7000	28.1	82.3	86.8	90.0	90.9	91.8	91.8	92.0	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.7
GE 6000	28.1	82.3	86.8	90.0	90.9	91.8	91.8	92.0	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.7
GE 5000	28.1	82.9	87.4	90.6	91.5	92.4	92.4	92.5	92.7	92.8	93.0	93.0	93.0	93.2	93.2	93.3
GE 4500	28.1	82.9	87.4	90.7	91.5	92.4	92.4	92.6	92.8	92.8	93.0	93.0	93.1	93.2	93.3	93.3
GE 4000	28.1	83.0	87.5	90.7	91.5	92.5	92.5	92.6	92.8	92.9	93.1	93.1	93.1	93.3	93.3	93.4
GE 3500	28.1	83.2	87.7	91.0	91.8	92.7	92.7	92.9	93.0	93.1	93.3	93.3	93.4	93.5	93.5	93.6
GE 3000	28.5	84.9	89.5	92.8	93.6	94.5	94.5	94.7	94.9	94.9	95.1	95.1	95.2	95.3	95.4	95.4
GE 2500	28.8	86.2	91.1	94.5	95.4	96.4	96.4	96.5	96.7	96.8	97.0	97.0	97.0	97.2	97.2	97.3
GE 2000	29.1	87.9	92.9	96.3	97.2	98.3	98.3	98.5	98.6	98.7	98.9	98.9	99.0	99.1	99.1	99.2
GE 1800	29.1	87.9	93.0	96.5	97.4	98.5	98.5	98.6	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.4
GE 1500	29.1	88.1	93.2	96.7	97.6	98.7	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.6	99.7
GE 1200	29.1	88.1	93.2	96.7	97.6	98.7	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.6	99.7
GE 1000	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 900	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 800	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 700	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 600	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 500	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 400	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 300	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 200	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE 100	29.1	88.2	93.4	96.8	97.7	98.8	98.8	99.1	99.3	99.3	99.5	99.5	99.6	99.7	99.8	99.9
GE	C	29.1	88.3	93.4	96.9	97.8	98.9	98.9	99.1	99.3	99.4	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	25.0	71.4	76.2	79.0	80.2	81.0	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	82.5	82.5
GE 2000C	27.0	73.4	78.6	81.3	82.5	83.3	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	85.3	85.3
GE 1800C	27.0	73.4	78.6	81.3	82.5	83.3	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	85.3	85.3
GE 1600C	27.0	73.4	78.6	81.3	82.5	83.3	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	85.3	85.3
GE 1400C	27.0	73.4	78.6	81.3	82.5	83.3	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	85.3	85.3
GE 1200C	27.0	73.4	78.6	81.3	82.5	83.3	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	85.3	85.3
GE 1000C	28.2	80.2	85.3	88.5	89.7	90.9	91.3	91.3	91.7	92.1	92.1	92.1	92.1	92.1	92.9	92.9
GE 900C	29.0	83.3	88.5	91.7	92.9	94.0	94.4	94.4	94.8	95.2	95.2	95.2	95.2	95.2	96.0	96.0
GE 800C	29.0	84.1	89.3	92.5	93.7	94.8	95.2	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.8	96.8
GE 700C	29.0	84.1	89.3	92.5	93.7	94.8	95.2	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.8	96.8
GE 600C	29.0	84.1	89.3	92.5	93.7	94.8	95.2	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.8	96.8
GE 500C	29.0	84.1	89.3	92.5	93.7	94.8	95.2	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.8	96.8
GE 450C	29.0	84.1	89.3	92.5	93.7	94.8	95.2	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.8	96.8
GE 400C	29.0	84.5	89.7	92.9	94.0	95.2	95.6	95.6	96.0	96.4	96.4	96.4	96.4	96.4	97.2	97.2
GE 350C	29.0	84.5	89.7	92.9	94.0	95.2	95.6	95.6	96.0	96.4	96.4	96.4	96.4	96.4	97.2	97.2
GE 300C	29.0	85.3	90.5	93.7	94.8	96.0	96.4	96.4	96.8	97.2	97.2	97.2	97.2	97.2	98.0	98.0
GE 250C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 200C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 180C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 150C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 120C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 100C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 90C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 80C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 70C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 60C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 50C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 40C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 30C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 20C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE 10C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	99.6
GE C	29.4	86.9	92.1	95.2	96.4	97.6	98.0	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	26.5	72.5	76.1	79.4	80.3	80.3	80.3	80.3	80.7	81.1	81.1	81.1	81.1	81.5	81.5	81.5	
GE 20000	26.5	72.7	76.9	80.3	81.1	81.1	81.1	81.1	81.5	81.9	82.4	82.4	82.4	82.8	82.8	82.8	
GE 18000	26.5	72.7	76.9	80.3	81.1	81.1	81.1	81.1	81.5	81.9	82.4	82.4	82.4	82.8	82.8	82.8	
GE 16000	26.5	72.7	76.9	80.3	81.1	81.1	81.1	81.1	81.5	81.9	82.4	82.4	82.4	82.8	82.8	82.8	
GE 14000	26.5	72.7	76.9	80.3	81.1	81.1	81.1	81.1	81.5	81.9	82.4	82.4	82.4	82.8	82.8	82.8	
GE 12000	26.5	73.1	77.3	80.7	81.5	81.5	81.5	81.5	81.9	82.4	82.8	82.8	82.8	83.2	83.2	83.2	
GE 10000	27.7	80.3	84.5	87.8	89.1	89.1	89.1	89.1	89.9	90.3	90.8	90.8	90.8	91.2	91.2	91.2	
GE 9000	28.2	84.9	89.1	92.9	94.1	94.1	94.1	94.5	95.4	95.8	96.2	96.2	96.2	96.6	96.6	96.6	
GE 8000	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 7000	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 6000	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 5000	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 4500	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 4000	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 3500	28.2	84.9	89.1	92.9	94.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	96.6	97.1	97.1	
GE 3000	28.2	85.3	89.5	93.3	94.5	95.0	95.0	95.4	96.2	96.6	97.1	97.1	97.1	97.5	97.5	97.5	
GE 2500	28.6	87.0	91.6	95.4	96.6	97.1	97.1	97.5	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6	
GE 2000	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 1800	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 1500	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 1200	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 1000	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 900	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 800	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 700	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 600	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 500	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 400	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 300	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 200	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 100	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	
GE 0	28.6	87.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 238

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0600

CEILING IN FEET	160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	16.0	80.2	65.0	69.4	69.7	71.8	71.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.1
GE 20000	16.7	65.0	70.1	74.5	74.8	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.3
GE 18000	16.7	65.3	70.4	74.8	75.2	77.2	77.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.6
GE 16000	16.7	65.3	70.4	74.8	75.2	77.2	77.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.6
GE 14000	16.7	65.3	70.4	74.8	75.2	77.2	77.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.6
GE 12000	17.0	66.3	71.4	75.9	76.2	78.2	78.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.6
GE 10000	17.7	73.5	79.9	84.7	85.0	87.1	87.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5
GE 9000	19.4	78.6	85.0	90.5	91.2	93.5	93.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9
GE 8000	19.4	78.6	85.0	90.5	91.2	93.5	93.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9
GE 7000	19.4	78.6	85.0	90.5	91.2	93.5	93.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9
GE 6000	19.4	78.6	85.0	90.5	91.2	93.5	93.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9
GE 5000	19.4	79.3	85.7	91.2	91.8	94.2	94.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 4500	19.4	79.3	85.7	91.2	91.8	94.2	94.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 4000	19.4	79.3	85.7	91.2	91.8	94.2	94.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 3500	19.4	79.3	85.7	91.2	91.8	94.2	94.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 3000	19.4	79.3	85.7	91.2	91.8	94.2	94.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 2500	19.4	81.3	88.1	93.9	94.6	96.9	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0
GE 2000	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1800	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1500	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1200	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1000	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 900	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 800	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 700	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 600	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 500	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 400	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 300	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 200	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 100	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
GE	19.4	81.6	88.4	93.9	94.6	96.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.3	63.7	68.8	72.2	72.5	73.2	73.2	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9
GE 20000	20.0	67.1	72.9	76.3	76.6	77.3	77.3	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
GE 18000	20.0	67.1	72.9	76.3	76.6	77.3	77.3	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
GE 16000	20.0	67.1	72.9	76.3	76.6	77.3	77.3	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
GE 14000	20.0	67.1	72.9	76.3	76.6	77.3	77.3	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
GE 12000	21.0	69.8	75.6	79.0	79.3	80.0	80.0	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7
GE 10000	21.7	75.6	82.0	86.4	86.8	87.5	87.5	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.2
GE 9000	23.1	79.3	86.1	90.8	91.2	91.9	91.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9
GE 8000	23.4	79.7	86.4	91.2	91.5	92.2	92.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 7000	23.4	79.7	86.4	91.2	91.5	92.2	92.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 6000	23.4	79.7	86.4	91.2	91.5	92.2	92.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 5000	23.4	80.7	87.5	92.2	92.5	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3
GE 4500	23.4	80.7	87.5	92.2	92.5	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3
GE 4000	23.4	81.0	87.8	92.5	92.9	93.6	93.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.6
GE 3500	23.4	81.4	88.1	92.9	93.2	93.9	93.9	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9
GE 3000	23.4	83.1	89.8	94.9	95.3	95.9	95.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
GE 2500	23.7	83.7	90.8	96.3	96.6	97.3	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 2000	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1800	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1500	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1200	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1000	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 900	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 800	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 700	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	23.7	84.4	91.5	96.9	97.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: CELA ITM V

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1700-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.9	66.4	69.9	72.6	74.0	74.3	74.3	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 20000	20.5	71.2	76.7	79.8	81.2	81.5	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	20.5	71.2	76.7	79.8	81.2	81.5	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	20.5	71.2	76.7	79.8	81.2	81.5	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000	20.5	71.2	76.7	79.8	81.2	81.5	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000	20.5	71.9	77.4	80.5	81.8	82.2	82.2	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 10000	21.6	78.4	84.2	89.0	90.8	91.1	91.1	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 9000	22.6	80.5	87.0	91.8	93.5	94.2	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 8000	22.6	80.8	87.3	92.1	93.8	94.5	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 7000	22.6	80.8	87.3	92.1	93.8	94.5	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 6000	22.6	80.8	87.3	92.1	93.8	94.5	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 5000	22.6	82.2	88.7	93.5	95.2	95.9	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	22.6	82.2	88.7	93.5	95.2	95.9	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000	22.6	82.2	88.7	93.5	95.2	95.9	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	22.6	82.2	88.7	93.5	95.2	95.9	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	22.6	82.9	89.4	94.2	95.9	96.6	96.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	23.3	84.2	90.8	95.5	97.3	97.9	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	23.3	85.3	91.8	96.6	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 144530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY MONTHLY: 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	20.5	65.5	68.3	70.6	71.7	72.4	72.4	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2000	CI	21.2	69.3	72.7	75.4	76.5	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1800	CI	21.2	69.3	72.7	75.4	76.5	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1600	CI	21.2	69.3	72.7	75.4	76.5	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1400	CI	21.2	69.3	72.7	75.4	76.5	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1200	CI	21.2	70.6	74.1	77.1	78.2	78.8	78.8	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1000	CI	22.2	77.5	81.6	84.6	85.7	86.3	86.3	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	CI	22.2	80.2	84.3	88.7	89.8	91.1	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	CI	22.2	80.2	84.3	88.7	89.8	91.1	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	CI	22.2	80.2	84.3	88.7	89.8	91.1	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	CI	22.2	80.2	84.3	88.7	89.8	91.1	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	CI	22.2	82.3	86.3	90.8	91.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 450	CI	22.2	82.3	86.3	90.8	91.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	CI	22.2	82.3	86.3	90.8	91.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 350	CI	22.2	82.3	86.3	90.8	91.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	CI	22.2	83.6	87.7	92.2	93.2	94.5	94.5	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 250	CI	22.5	85.3	89.4	94.2	95.2	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	CI	22.5	86.3	90.8	95.9	96.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(1ST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	18.7	67.0	70.7	73.5	74.5	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2000	19.4	70.7	74.8	77.9	78.9	79.9	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	19.4	70.7	74.8	77.9	78.9	79.9	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1600	19.4	70.7	74.8	77.9	78.9	79.9	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1400	19.4	70.7	74.8	77.9	78.9	79.9	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1200	20.1	72.1	76.2	79.3	80.3	81.3	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	20.4	76.5	81.0	84.4	85.4	86.4	86.4	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	22.4	81.0	86.1	90.8	91.8	92.9	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	22.4	81.0	86.1	90.8	91.8	92.9	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	22.4	81.0	86.1	90.8	91.8	92.9	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	22.4	81.0	86.1	90.8	91.8	92.9	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	22.4	83.3	88.4	93.2	94.2	95.2	95.2	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 450	22.4	83.3	88.4	93.2	94.2	95.2	95.2	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	22.8	83.7	88.8	93.5	94.6	95.6	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 350	22.8	84.0	89.1	93.9	94.9	95.9	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 300	22.8	84.7	89.8	94.6	95.6	96.6	96.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 250	22.8	86.4	91.5	96.6	97.6	98.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	22.8	86.4	91.5	96.6	97.6	98.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 180	22.8	86.4	91.5	96.6	97.6	98.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 150	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	22.8	86.7	91.8	96.9	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	28.5	74.7	76.7	79.9	80.7	81.5	81.5	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 20000	28.9	75.1	77.5	81.1	81.9	82.7	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 18000	28.9	75.1	77.5	81.1	81.9	82.7	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 16000	28.9	75.1	77.5	81.1	81.9	82.7	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 14000	28.9	75.1	77.5	81.1	81.9	82.7	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	29.3	75.9	78.3	81.9	82.7	83.5	83.5	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 10000	31.3	81.1	83.5	87.6	88.4	89.2	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 9000	31.7	85.5	88.0	92.4	93.2	94.0	94.0	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 8000	32.1	86.3	88.8	93.2	94.0	94.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 7000	32.1	86.3	88.8	93.2	94.0	94.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 6000	32.1	86.3	88.8	93.2	94.0	94.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 5000	32.1	86.3	88.8	93.2	94.0	94.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	32.1	86.3	88.8	93.2	94.0	94.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	32.1	86.3	88.8	93.2	94.0	94.8	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	32.1	86.7	89.2	93.6	94.4	95.2	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	32.1	87.1	89.6	94.0	94.8	95.6	95.6	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	32.1	89.6	92.0	96.8	97.6	98.4	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	32.5	90.0	92.4	97.2	98.0	98.8	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS: 1ST: ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		21.6	67.3	71.1	74.3	75.1	75.9	75.9	76.4	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.1
GE 2000C	22.2	70.4	74.9	78.2	79.0	79.8	79.9	80.5	80.9	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
GE 1800C	22.2	70.4	74.9	78.2	79.1	79.9	79.9	80.5	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 1600C	22.2	70.4	74.9	78.2	79.1	79.9	79.9	80.5	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 1400C	22.2	70.4	74.9	78.2	79.1	79.9	79.9	80.5	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 1200C	22.5	71.5	76.0	79.3	80.2	81.0	81.1	81.6	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.4
GE 1000C	23.5	77.7	82.6	86.5	87.5	88.4	88.4	89.0	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.8	89.8
GE 900C	24.5	81.5	86.6	91.1	92.1	93.2	93.2	94.1	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9
GE 800C	24.6	81.7	86.9	91.4	92.4	93.5	93.5	94.4	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.2
GE 700C	24.6	81.7	86.9	91.4	92.4	93.5	93.5	94.4	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.2
GE 600C	24.6	81.7	86.9	91.4	92.4	93.5	93.5	94.4	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.2
GE 500C	24.6	82.7	87.9	92.4	93.4	94.5	94.5	95.4	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE 450C	24.6	82.7	87.9	92.4	93.4	94.5	94.5	95.4	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE 400C	24.6	82.9	88.0	92.5	93.5	94.6	94.7	95.5	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3
GE 350C	24.6	83.0	88.2	92.7	93.7	94.7	94.8	95.7	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.5	96.5
GE 300C	24.6	83.8	88.9	93.5	94.5	95.6	95.6	96.5	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3
GE 250C	24.9	85.4	90.8	95.4	96.4	97.5	97.6	98.4	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2
GE 200C	25.0	85.9	91.3	96.0	97.0	98.1	98.1	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
GE 180C	25.0	85.9	91.3	96.0	97.0	98.1	98.1	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
GE 150C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 120C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 100C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 90C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 80C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 70C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 60C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 50C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 40C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 30C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 20C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 10C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9
GE	C	25.0	86.0	91.3	96.1	97.1	98.1	98.2	99.0	99.5	99.6	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	28.1	87.1	91.6	94.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	1	28.1	87.1	91.6	94.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	1	28.1	87.1	91.6	94.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1600	1	28.1	87.1	91.6	94.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1400	1	28.1	87.1	91.6	94.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	1	28.1	87.5	92.0	95.1	96.2	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	1	28.5	87.8	92.4	95.8	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	1	29.3	89.7	94.3	97.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	29.3	90.1	94.7	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: SELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	27.1	83.3	86.9	82.0	82.8	94.0	94.0	94.4	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	
GE 20000	27.1	83.7	87.3	82.4	83.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	
GE 18000	27.1	83.7	87.3	82.4	83.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	
GE 16000	27.1	83.7	87.3	82.4	83.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	
GE 14000	27.1	83.7	87.3	82.4	83.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	
GE 12000	27.5	84.1	87.6	82.8	83.6	94.8	94.8	95.2	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	
GE 10000	27.5	85.3	88.8	84.0	84.8	96.0	96.0	96.4	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	
GE 9000	27.9	86.5	90.0	85.6	86.4	97.6	97.6	98.0	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	
GE 8000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 7000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 6000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 5000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 4500	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 4000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 3500	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 3000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 2500	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 2000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 1800	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 1500	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 1200	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 1000	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 900	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 800	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 700	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 600	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 500	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 400	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 300	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 200	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE 100	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	
GE	27.9	86.9	90.8	86.4	87.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(EST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	20.3	70.0	75.2	81.0	82.8	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000C	20.7	70.7	76.2	82.1	83.8	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800C	20.7	70.7	76.2	82.1	83.8	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1600C	20.7	70.7	76.2	82.1	83.8	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1400C	20.7	70.7	76.2	82.1	83.8	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200C	20.7	71.7	77.2	83.1	84.8	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9	86.2	86.2
GE 1000C	21.4	76.2	82.1	87.9	89.7	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	91.0	91.0
GE 900C	22.1	79.7	85.5	91.7	93.4	94.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.8	94.8
GE 800C	22.1	80.0	85.9	92.1	93.8	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	95.2	95.2
GE 700C	22.1	80.0	85.9	92.1	93.8	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	95.2	95.2
GE 600C	22.1	80.0	85.9	92.1	93.8	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	95.2	95.2
GE 500C	22.1	83.1	89.0	95.2	96.9	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.3	98.3
GE 450C	22.1	83.1	89.0	95.2	96.9	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.3	98.3
GE 400C	22.1	83.1	89.0	95.2	96.9	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.3	98.3
GE 350C	22.1	83.1	89.0	95.2	96.9	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.3	98.3
GE 300C	22.4	83.4	89.3	95.5	97.2	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.6	98.6
GE 250C	22.4	84.1	90.3	96.6	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7
GE 200C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 180C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 150C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 120C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 100C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 90C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 80C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 70C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 60C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 50C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 40C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 30C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 20C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 10C	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE r	22.4	84.5	90.7	96.9	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	GE 160	GE 90	GE 30	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	22.5	75.8	83.2	85.6	87.7	88.1	88.1	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	89.1
GE 20000	22.5	76.1	83.5	86.3	88.4	88.8	88.8	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.8
GE 18000	22.5	76.1	83.5	86.3	88.4	89.1	89.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.2
GE 16000	22.5	76.1	83.5	86.3	88.4	89.1	89.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.2
GE 14000	22.5	76.1	83.5	86.3	88.4	89.1	89.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.2
GE 12000	22.5	76.5	83.9	86.7	88.8	89.5	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.5
GE 10000	22.8	80.0	87.7	90.5	92.6	93.3	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.4
GE 9000	23.9	83.2	90.9	93.7	95.8	96.5	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 8000	23.9	83.2	90.9	93.7	95.8	96.5	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 7000	23.9	83.2	90.9	93.7	95.8	96.5	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 6000	23.9	83.2	90.9	93.7	95.8	96.5	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 5000	23.9	83.9	91.6	94.4	96.5	97.2	97.2	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.2
GE 4500	23.9	83.9	91.6	94.4	96.5	97.2	97.2	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.2
GE 4000	23.9	84.2	91.9	94.7	96.8	97.5	97.5	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.6
GE 3500	24.2	84.9	92.6	95.4	97.5	98.2	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 3000	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 2500	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 2000	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 1800	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 1500	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 1200	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 1000	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 900	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 800	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 700	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 600	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 500	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 400	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 300	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 200	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 100	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE CI	24.2	85.3	93.0	95.8	97.9	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAF/AC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 5	GE 4	GE 0
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0			
NO CEIL	19.6	76.3	82.1	85.9	86.9	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 20000	19.6	77.0	82.8	86.6	87.6	88.0	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 18000	19.6	77.0	83.2	86.9	88.0	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 16000	19.6	77.0	83.2	86.9	88.0	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 14000	19.6	77.0	83.2	86.9	88.0	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 12000	19.9	77.3	83.5	87.3	88.3	88.7	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 10000	21.6	81.4	88.0	91.8	92.8	93.1	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 9000	22.3	84.5	91.1	94.8	95.9	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 8000	22.3	84.5	91.1	94.8	95.9	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 7000	22.3	84.5	91.1	94.8	95.9	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 6000	22.3	84.5	91.1	94.8	95.9	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 5000	22.3	86.6	93.1	96.9	97.9	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4500	22.3	86.6	93.1	96.9	97.9	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4000	22.3	86.6	93.1	96.9	97.9	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	22.7	86.9	93.5	97.3	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3000	22.7	86.9	93.5	97.3	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	22.7	87.3	93.8	97.6	98.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO CCTL	19.6	73.9	78.9	83.9	84.3	85.7	85.7	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 20000	19.6	76.4	81.8	86.8	87.1	88.6	88.6	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 18000	19.6	76.4	81.8	86.8	87.1	88.6	88.6	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 16000	19.6	76.4	81.8	86.8	87.1	88.6	88.6	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 14000	19.6	76.4	81.8	86.8	87.1	88.6	88.6	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 12000	20.7	78.6	84.3	89.3	89.6	91.1	91.1	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 10000	20.7	80.0	86.1	91.1	91.4	92.9	92.9	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 9000	22.1	82.5	88.9	94.3	95.0	96.4	96.4	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 8000	22.5	82.9	89.3	94.6	95.4	96.8	96.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 7000	22.5	82.9	89.3	94.6	95.4	96.8	96.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 6000	22.5	82.9	89.3	94.6	95.4	96.8	96.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 5000	22.5	84.3	90.7	96.1	96.8	98.2	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4500	22.5	84.3	90.7	96.1	96.8	98.2	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4000	22.5	84.3	90.7	96.1	96.8	98.2	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	22.5	84.3	90.7	96.1	96.8	98.2	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	22.9	84.6	91.1	96.4	97.1	98.6	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	22.9	85.0	91.4	96.8	97.5	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	1	24.5	79.4	83.0	86.2	87.2	87.2	87.2	87.9	87.9	87.9	87.9	88.3	88.3	88.7	88.7	89.0
GE 2000C	1	25.2	81.9	86.2	89.7	91.5	91.5	91.5	92.2	92.2	92.2	92.2	92.6	92.6	92.9	92.9	93.3
GE 1800C	1	25.2	82.3	86.5	90.1	91.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
GE 1600C	1	25.2	82.3	86.5	90.1	91.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
GE 1400C	1	25.2	82.3	86.5	90.1	91.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
GE 1200C	1	25.2	82.3	86.5	90.1	91.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
GE 1000C	1	25.2	83.7	88.3	91.8	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.7	94.7	95.0	95.0	95.4
GE 900C	1	25.5	84.0	88.7	92.6	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	96.1
GE 800C	1	25.5	84.0	88.7	92.6	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	96.1
GE 700C	1	25.5	84.0	88.7	92.6	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	96.1
GE 600C	1	25.5	84.0	88.7	92.6	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	96.1
GE 500C	1	25.5	86.2	90.8	94.7	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
GE 450C	1	25.5	86.2	90.8	94.7	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
GE 400C	1	25.5	86.2	90.8	94.7	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
GE 350C	1	25.5	86.2	90.8	94.7	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
GE 300C	1	25.5	86.5	91.1	95.0	96.8	97.2	97.2	97.9	97.9	97.9	97.9	98.2	98.2	98.6	98.6	98.9
GE 250C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 200C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 1800C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 1500C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 1200C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 1000C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 900C	1	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GE 800C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 700C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 600C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 500C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 400C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 300C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 200C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE 100C	1	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GE	C	25.9	87.2	91.8	96.1	97.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	31.4	81.5	87.1	93.0	94.5	94.8	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.3
GE 2000	31.4	81.9	87.5	93.4	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GE 1800	31.4	81.9	87.5	93.4	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GE 1600	31.4	81.9	87.5	93.4	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GE 1400	31.4	81.9	87.5	93.4	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GE 1200	31.4	81.9	87.5	93.4	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GE 1000	32.1	83.4	88.9	94.8	96.3	96.7	96.7	97.0	97.0	97.4	97.4	97.8	97.8	98.2	98.2	98.2
GE 900	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 800	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 700	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 600	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 500	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 450	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 400	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 350	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 300	32.5	84.1	89.7	95.9	97.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
GE 250	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 200	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 180	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 150	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 120	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 100	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 90	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 80	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 70	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 60	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 50	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 40	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 30	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 20	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 10	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE	32.5	84.9	90.4	96.7	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	24.0	78.2	83.3	87.6	88.8	89.4	89.4	89.9	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.5
GE 20000	24.1	79.2	84.5	88.8	90.1	90.7	90.7	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.8
GE 18000	24.1	79.2	84.5	88.9	90.2	90.9	90.9	91.3	91.5	91.6	91.6	91.8	91.8	91.9	91.9	92.0
GE 16000	24.1	79.2	84.5	88.9	90.2	90.9	90.9	91.3	91.5	91.6	91.6	91.8	91.8	91.9	91.9	92.0
GE 14000	24.1	79.2	84.5	88.9	90.2	90.9	90.9	91.3	91.5	91.6	91.6	91.8	91.8	91.9	91.9	92.0
GE 12000	24.4	79.8	85.2	89.6	90.9	91.5	91.5	92.0	92.2	92.3	92.3	92.4	92.4	92.5	92.5	92.6
GE 10000	24.9	82.1	87.7	92.1	93.4	94.1	94.1	94.5	94.8	94.8	94.8	95.0	95.0	95.1	95.1	95.2
GE 9000	25.6	84.2	89.8	94.5	95.8	96.5	96.5	96.9	97.2	97.2	97.2	97.4	97.4	97.5	97.5	97.6
GE 8000	25.6	84.4	90.1	94.7	96.1	96.7	96.7	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.8
GE 7000	25.6	84.4	90.1	94.7	96.1	96.7	96.7	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.8
GE 6000	25.6	84.4	90.1	94.7	96.1	96.7	96.7	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.8
GE 5000	25.6	85.6	91.3	95.9	97.3	97.9	97.9	98.4	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.1
GE 4500	25.6	85.6	91.3	95.9	97.3	97.9	97.9	98.4	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.1
GE 4000	25.6	85.6	91.3	96.0	97.3	98.0	98.0	98.4	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1
GE 3500	25.7	85.8	91.5	96.1	97.5	98.1	98.1	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.2
GE 3000	25.8	85.9	91.6	96.3	97.7	98.3	98.3	98.8	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.5
GE 2500	25.8	86.3	92.0	96.7	98.1	98.7	98.7	99.2	99.4	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 2000	25.8	86.4	92.1	96.7	98.1	98.8	98.8	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 1800	25.8	86.4	92.1	96.7	98.1	98.8	98.8	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 1500	25.8	86.4	92.1	96.7	98.1	98.8	98.8	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 1200	25.8	86.4	92.1	96.7	98.1	98.8	98.8	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 1000	25.8	86.4	92.1	96.7	98.1	98.8	98.8	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 900	25.8	86.4	92.1	96.7	98.1	98.8	98.8	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
GE 800	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 700	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 600	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 500	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 400	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 300	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 200	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE 100	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.9	99.9	100.0
GE	C	25.8	86.4	92.1	96.8	98.1	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	20.2	75.3	86.7	53.9	56.2	97.0	97.0	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	
GE 2000	20.2	75.3	86.7	54.3	56.6	97.3	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1800	20.2	75.3	86.7	54.3	56.6	97.3	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1600	20.2	75.3	86.7	54.3	56.6	97.3	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1400	20.2	75.3	86.7	54.3	56.6	97.3	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1200	20.2	75.3	86.7	54.3	56.6	97.3	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1000	20.2	75.7	87.1	54.7	57.0	97.7	97.7	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	
GE 900	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 800	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 700	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 600	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 500	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 450	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 400	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 350	20.2	76.0	87.5	55.1	57.3	98.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 300	20.2	76.0	87.8	55.4	57.7	98.5	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	
GE 250	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 180	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 150	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 120	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 90	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 80	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 70	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE	20.2	76.4	88.2	55.8	58.1	98.9	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0		
NO CEIL	21.1	80.1	87.8	54.3	56.7	97.2	97.2	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1600C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1400C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 450C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 350C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300C	21.1	80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 250C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 180C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 150C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 120C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 90C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 80C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 70C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 60C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 40C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 30C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 10C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE C	21.1	80.1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	6.5	64.2	72.4	84.0	88.1	89.4	89.4	90.4	91.1	91.5	91.5	91.8	91.8	92.2	92.2	92.5
GE 2000	1	6.5	64.5	72.7	84.6	88.7	90.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
GE 1800	1	6.5	64.5	72.7	84.6	88.7	90.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
GE 1600	1	6.5	64.5	72.7	84.6	88.7	90.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
GE 1400	1	6.5	64.5	72.7	84.6	88.7	90.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
GE 1200	1	6.5	64.8	73.0	85.0	89.1	90.4	90.4	91.5	92.2	92.5	92.5	92.8	92.8	93.2	93.2	93.5
GE 1000	1	6.5	65.5	74.1	86.0	90.1	91.5	91.5	92.5	93.2	93.5	93.5	93.9	93.9	94.2	94.2	94.5
GE 900	1	6.5	65.9	74.7	86.7	91.1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE 800	1	6.5	65.9	74.7	86.7	91.1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE 700	1	6.5	65.9	74.7	86.7	91.1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE 600	1	6.5	65.9	74.7	86.7	91.1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE 500	1	6.5	69.3	78.2	90.1	94.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GE 450	1	6.5	69.3	78.2	90.1	94.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GE 400	1	6.5	69.3	78.2	90.1	94.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GE 350	1	6.5	69.3	78.2	90.1	94.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GE 300	1	6.5	69.3	78.2	90.1	94.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GE 250	1	6.5	69.6	78.5	90.4	94.9	96.2	96.2	97.3	98.0	98.3	98.3	98.6	98.6	99.0	99.0	99.3
GE 200	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 180	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 160	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 140	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 120	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 100	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 90	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 80	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 70	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 60	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 50	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 40	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 30	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 20	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 10	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE	1	6.5	69.6	78.5	90.8	95.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	!	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6	
GE 2000	!	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6	
GE 1800	!	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6	
GE 1600	!	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6	
GE 1400	!	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6	
GE 1200	!	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6	
GE 1000	!	9.3	68.7	83.5	53.5	55.2	96.6	96.6	96.9	96.9	97.3	97.6	97.6	97.6	97.9	97.9	97.9	
GE 900	!	9.3	68.7	83.5	53.5	55.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.3	
GE 800	!	9.3	68.7	83.5	53.5	55.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.3	
GE 700	!	9.3	68.7	83.5	53.5	55.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.3	
GE 600	!	9.3	68.7	83.5	53.5	55.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.3	
GE 500	!	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	99.7	
GE 450	!	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	99.7	
GE 400	!	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	99.7	
GE 350	!	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	99.7	
GE 300	!	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	99.7	
GE 250	!	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	99.7	
GE 200	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 180	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 150	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 120	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 100	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 90	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 80	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 70	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 60	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 50	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 40	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 30	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 20	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE 10	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	
GE	!	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	11.0	70.7	83.0	91.3	93.3	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7	
GE 2000	11.0	71.0	83.3	91.7	93.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	
GE 1800	11.0	71.0	83.3	91.7	93.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	
GE 1600	11.0	71.0	83.3	91.7	93.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	
GE 1400	11.0	71.0	83.3	91.7	93.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	
GE 1200	11.0	71.0	83.3	91.7	93.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	
GE 1000	11.0	72.0	84.3	92.7	94.7	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	
GE 900	11.0	73.0	85.3	94.0	96.0	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	
GE 800	11.0	73.0	85.3	94.0	96.0	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	
GE 700	11.0	73.0	85.3	94.0	96.0	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	
GE 600	11.0	73.0	85.3	94.0	96.0	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	
GE 500	11.0	74.3	86.7	95.3	97.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE 450	11.0	74.3	86.7	95.3	97.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE 400	11.0	74.3	86.7	95.3	97.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE 350	11.0	74.3	86.7	95.3	97.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE 300	11.0	74.3	86.7	95.3	97.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE 250	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 200	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 180	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 160	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 150	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 120	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 100	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 90	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 80	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 70	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 60	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 50	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 40	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 30	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 20	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 10	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE 0	11.0	74.7	87.0	95.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 300

AD-A195 187

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs)

3/3

GELA (ITALY) (U) AIR FORCE ENVIRONMENTAL TECHNICAL

APPLICATIONS CENTER SCOTT AFB IL APR 88

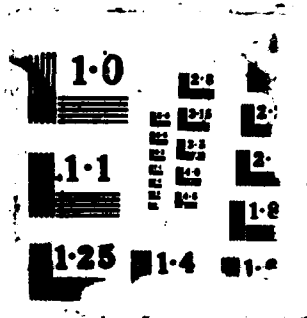
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	12.1	73.1	81.7	51.7	52.4	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8
GE 2000C	12.1	73.8	82.4	52.4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
GE 1800C	12.1	73.8	82.4	52.4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
GE 1600C	12.1	73.8	82.4	52.4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
GE 1400C	12.1	73.8	82.4	52.4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
GE 1200C	12.1	73.8	82.4	52.4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
GE 1000C	12.4	74.5	83.1	53.1	53.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2
GE 900C	12.4	74.5	83.4	54.5	55.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
GE 800C	12.4	74.5	83.4	54.5	55.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
GE 700C	12.4	74.5	83.4	54.5	55.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
GE 600C	12.4	74.5	83.4	54.5	55.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
GE 500C	12.4	76.6	85.5	56.6	57.2	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 450C	12.4	76.6	85.5	56.6	57.2	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 400C	12.4	76.6	85.5	56.6	57.2	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 350C	12.4	76.6	85.5	56.6	57.2	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 300C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 250C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 200C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 180C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 150C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 120C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 90C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 80C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 70C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 60C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 50C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 40C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 30C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 20C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 10C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	C	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	13.7	72.0	83.3	50.8	52.5	93.2	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 20000	13.7	72.4	83.6	51.1	52.8	93.5	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 18000	13.7	72.4	83.6	51.1	52.8	93.5	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 16000	13.7	72.4	83.6	51.1	52.8	93.5	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 14000	13.7	72.4	83.6	51.1	52.8	93.5	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 12000	13.7	72.4	83.6	51.1	52.8	93.5	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 10000	13.7	73.0	84.3	51.8	53.5	94.2	94.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 9000	14.0	73.4	85.0	52.8	54.5	95.9	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 8000	14.0	73.4	85.0	52.8	54.5	95.9	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 7000	14.0	73.4	85.0	52.8	54.5	95.9	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 6000	14.0	73.4	85.0	52.8	54.5	95.9	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 5000	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 4500	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 4000	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 3500	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 3000	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 2500	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 2000	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1800	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1500	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	CL	14.0	76.8	88.4	56.2	58.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	19.1	75.1	88.1	55.3	56.4	97.5	97.5	97.5	97.8	97.8	97.8	98.2	98.2	98.6	98.6	98.6
GE 20000	1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GE 18000	1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GE 16000	1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GE 14000	1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GE 12000	1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GE 10000	1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GE 9000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 8000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 7000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 6000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 5000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 4500	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 4000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 3500	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 3000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 2500	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 2000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 1800	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 1500	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 1200	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 1000	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 900	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 800	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 700	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 600	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 500	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 400	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 300	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 200	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE 100	1	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE	C	19.5	75.8	88.8	56.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: BELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	13.8	72.0	83.0	91.6	93.6	94.7	94.7	95.2	95.4	95.6	95.7	95.7	95.7	96.0	96.0	96.0
GE 2000C	13.8	72.2	83.2	92.0	94.0	95.1	95.1	95.6	95.8	96.0	96.0	96.1	96.1	96.4	96.4	96.4
GE 1800C	13.8	72.2	83.2	92.0	94.0	95.1	95.1	95.6	95.8	96.0	96.0	96.1	96.1	96.4	96.4	96.4
GE 1600C	13.8	72.2	83.2	92.0	94.0	95.1	95.1	95.6	95.8	96.0	96.0	96.1	96.1	96.4	96.4	96.4
GE 1400C	13.8	72.2	83.2	92.0	94.0	95.1	95.1	95.6	95.8	96.0	96.0	96.1	96.1	96.4	96.4	96.4
GE 1200C	13.8	72.3	83.2	92.0	94.0	95.1	95.2	95.6	95.9	96.0	96.1	96.2	96.2	96.4	96.4	96.4
GE 1000C	13.9	72.9	83.9	92.7	94.7	95.8	95.8	96.3	96.5	96.7	96.8	96.8	96.8	97.1	97.1	97.1
GE 900C	14.0	73.2	84.4	93.4	95.5	96.7	96.8	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.0
GE 800C	14.0	73.2	84.4	93.4	95.5	96.7	96.8	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.0
GE 700C	14.0	73.2	84.4	93.4	95.5	96.7	96.8	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.0
GE 600C	14.0	73.2	84.4	93.4	95.5	96.7	96.8	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.0
GE 500C	14.0	74.7	85.9	94.9	97.0	98.2	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.6
GE 450C	14.0	74.7	85.9	94.9	97.0	98.2	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.6
GE 400C	14.0	74.7	85.9	94.9	97.0	98.2	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.6
GE 350C	14.0	74.7	85.9	94.9	97.0	98.2	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.6
GE 300C	14.0	74.7	85.9	95.0	97.1	98.3	98.4	98.8	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6
GE 250C	14.0	74.9	86.1	95.2	97.3	98.5	98.5	99.0	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.8
GE 200C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 180C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 150C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 120C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 100C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 90C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 80C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 70C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 60C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 50C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 40C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 30C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 20C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE 10C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9
GE C	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2253

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS(IST): 0000-0200

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 20000		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 18000		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 16000		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 14000		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 12000		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 10000		29.8	80.4	87.2	90.9	93.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
GE 9000		29.8	80.8	87.9	91.7	94.7	96.6	97.0	97.0	97.4	97.7	97.7	97.7	98.1	98.1	98.5	98.5
GE 8000		29.8	81.1	88.3	92.1	95.1	97.0	97.4	97.4	97.7	98.1	98.1	98.1	98.5	98.5	98.9	98.9
GE 7000		29.8	81.1	88.3	92.1	95.1	97.0	97.4	97.4	97.7	98.1	98.1	98.1	98.5	98.5	98.9	98.9
GE 6000		29.8	81.1	88.3	92.1	95.1	97.0	97.4	97.4	97.7	98.1	98.1	98.1	98.5	98.5	98.9	98.9
GE 5000		29.8	81.5	88.7	92.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
GE 4500		29.8	81.5	88.7	92.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
GE 4000		29.8	81.5	88.7	92.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
GE 3500		29.8	81.5	88.7	92.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
GE 3000		29.8	81.5	88.7	92.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
GE 2500		29.8	81.5	88.7	92.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
GE 2000		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 1800		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 1500		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 1200		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 1000		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 900		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 800		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 700		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 600		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 500		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 400		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 300		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 200		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE 100		30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
GE	CI	30.2	82.3	89.4	93.2	96.2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS(1ST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000C	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800C	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 1600C	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 1400C	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200C	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000C	28.6	79.2	85.3	50.6	54.3	96.7	96.7	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 900C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 800C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 700C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 600C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 500C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 450C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 400C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 350C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 300C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 250C	28.6	80.8	86.9	52.2	55.9	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 200C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 180C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 150C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	28.6	81.2	87.3	52.7	56.3	98.8	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALG HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	15.2	69.3	76.9	85.9	86.6	89.3	89.3	90.3	91.0	92.1	92.1	92.1	92.1	92.1	92.4	92.4	
GE 20000	15.2	69.3	76.9	85.9	86.6	89.3	89.3	90.3	91.0	92.1	92.1	92.1	92.1	92.1	92.4	92.4	
GE 18000	15.2	69.3	76.9	85.9	86.6	89.3	89.3	90.3	91.0	92.1	92.1	92.1	92.1	92.1	92.4	92.4	
GE 16000	15.2	69.3	76.9	85.9	86.6	89.3	89.3	90.3	91.0	92.1	92.1	92.1	92.1	92.1	92.4	92.4	
GE 14000	15.2	69.3	76.9	85.9	86.6	89.3	89.3	90.3	91.0	92.1	92.1	92.1	92.1	92.1	92.4	92.4	
GE 12000	15.2	70.0	77.6	86.6	87.2	90.0	90.0	91.0	91.7	92.8	92.8	92.8	92.8	92.8	93.1	93.1	
GE 10000	15.2	71.0	79.0	87.9	88.6	91.4	91.4	92.4	93.1	94.1	94.1	94.1	94.1	94.1	94.5	94.5	
GE 9000	15.2	71.4	79.3	89.0	89.7	92.4	92.4	93.4	94.1	95.2	95.2	95.2	95.2	95.2	95.5	95.5	
GE 8000	15.2	71.4	79.3	89.0	89.7	92.4	92.4	93.4	94.1	95.2	95.2	95.2	95.2	95.2	95.5	95.5	
GE 7000	15.2	71.4	79.3	89.0	89.7	92.4	92.4	93.4	94.1	95.2	95.2	95.2	95.2	95.2	95.5	95.5	
GE 6000	15.2	71.4	79.3	89.0	89.7	92.4	92.4	93.4	94.1	95.2	95.2	95.2	95.2	95.2	95.5	95.5	
GE 5000	15.2	73.1	81.0	90.7	91.4	94.1	94.1	95.2	95.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	
GE 4500	15.2	73.1	81.0	90.7	91.4	94.1	94.1	95.2	95.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	
GE 4000	15.2	73.1	81.0	90.7	91.4	94.1	94.1	95.2	95.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	
GE 3500	15.2	73.1	81.0	90.7	91.4	94.1	94.1	95.2	95.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	
GE 3000	15.5	73.8	81.7	91.4	92.1	94.8	94.8	95.9	96.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	
GE 2500	15.5	74.1	82.1	92.1	92.8	95.5	95.5	96.6	97.2	98.3	98.3	98.3	98.3	98.3	98.6	98.6	
GE 2000	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 1800	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 1500	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 1200	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 1000	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 900	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 800	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 700	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 600	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 500	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 400	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 300	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 200	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE 100	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	
GE	15.5	74.5	82.8	92.8	93.8	96.6	96.6	97.6	98.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALG HOURS(1ST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
FEET	1	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	
NO CEIL	1	14.8	66.7	76.8	84.8	88.2	90.6	90.6	91.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	93.3
GE 2000C	1	14.8	67.3	77.4	85.5	89.2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
GE 1800C	1	14.8	67.3	77.4	85.5	89.2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
GE 1600C	1	14.8	67.3	77.4	85.5	89.2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
GE 1400C	1	14.8	67.3	77.4	85.5	89.2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
GE 1200C	1	14.8	67.3	77.4	85.5	89.2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
GE 1000C	1	14.8	69.4	80.1	88.6	92.3	94.6	94.6	95.6	97.0	97.0	97.0	97.0	97.0	97.3	97.3	97.6
GE 900C	1	14.8	70.4	81.1	89.6	93.3	96.0	96.0	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
GE 800C	1	14.8	70.4	81.1	89.6	93.3	96.0	96.0	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
GE 700C	1	14.8	70.4	81.1	89.6	93.3	96.0	96.0	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
GE 600C	1	14.8	70.4	81.1	89.6	93.3	96.0	96.0	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
GE 500C	1	14.8	70.7	81.5	89.9	93.6	96.3	96.3	97.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.3
GE 450C	1	14.8	70.7	81.5	89.9	93.6	96.3	96.3	97.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.3
GE 400C	1	14.8	70.7	81.5	89.9	93.6	96.3	96.3	97.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.3
GE 350C	1	14.8	70.7	81.5	89.9	93.6	96.3	96.3	97.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.3
GE 300C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 250C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 200C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 180C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 160C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 140C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 120C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 100C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 90C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 80C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 70C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 60C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 50C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 40C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 30C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 20C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 10C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE C	1	14.8	71.4	82.2	90.6	94.3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 169530 STATION NAME: SELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	18.0	67.8	76.9	85.8	88.8	90.2	90.2	90.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000C	1	18.0	68.8	78.6	87.5	91.2	92.9	92.9	93.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800C	1	18.0	68.8	78.6	87.5	91.2	92.9	92.9	93.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 1600C	1	18.0	68.8	78.6	87.5	91.2	92.9	92.9	93.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 1400C	1	18.0	68.8	78.6	87.5	91.2	92.9	92.9	93.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200C	1	18.0	68.8	78.6	87.5	91.5	93.2	93.2	93.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000C	1	18.0	70.2	80.7	89.8	93.9	95.6	95.6	95.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3
GE 900C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 800C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 700C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 600C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 500C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 400C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 350C	1	18.3	71.5	82.0	91.2	95.3	96.9	96.9	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 300C	1	18.3	71.9	82.4	91.5	95.6	97.3	97.3	97.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 250C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 200C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 180C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 150C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 120C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 100C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 90C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 80C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 70C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 60C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 50C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 40C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 30C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 20C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 10C	1	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE	C	18.3	72.2	83.1	92.2	96.3	98.0	98.0	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIPATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	18.8	67.6	76.5	83.6	87.0	89.8	89.8	90.1	90.1	90.4	90.8	90.8	90.8	91.1	91.1	91.1
GE 2000C	18.8	68.9	77.8	85.0	88.4	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
GE 1800C	18.8	68.9	77.8	85.0	88.4	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
GE 1600C	18.8	68.9	77.8	85.0	88.4	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
GE 1400C	18.8	68.9	77.8	85.0	88.4	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
GE 1200C	19.1	70.3	79.2	86.3	89.8	92.5	92.5	92.8	92.8	93.2	93.5	93.5	93.5	93.9	93.9	93.9
GE 1000C	19.1	71.7	80.9	88.1	91.5	94.2	94.2	94.5	94.5	94.9	95.2	95.2	95.2	95.6	95.6	95.6
GE 900C	19.5	74.1	83.6	90.8	94.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
GE 800C	19.5	74.1	83.6	90.8	94.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
GE 700C	19.5	74.1	83.6	90.8	94.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
GE 600C	19.5	74.1	83.6	90.8	94.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
GE 500C	19.5	75.1	84.6	91.8	95.2	98.0	98.0	98.3	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 450C	19.5	75.1	84.6	91.8	95.2	98.0	98.0	98.3	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 400C	19.5	75.1	84.6	91.8	95.2	98.0	98.0	98.3	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 350C	19.5	75.1	84.6	91.8	95.2	98.0	98.0	98.3	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 300C	19.5	75.1	84.6	91.8	95.2	98.0	98.0	98.3	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 250C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 200C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 180C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 150C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 120C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 100C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 90C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 80C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 70C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 60C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 50C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 40C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 30C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 20C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE 10C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE C	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 1800-2000

CEILING IN FEET	1	CT	VISIBILITY IN HUNDREDS OF METERS														
			GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	18.6	72.8	80.3	86.6	88.3	90.0	90.0	91.0	91.4	91.4	91.4	91.7	92.1	92.1	92.1	92.1
GE 2000	0	19.6	73.4	81.4	87.6	89.3	91.0	91.0	92.1	92.4	92.4	92.4	92.8	93.1	93.1	93.1	93.1
GE 1800	0	18.6	73.4	81.4	87.6	89.7	91.4	91.4	92.4	92.8	92.8	92.8	93.1	93.4	93.4	93.4	93.4
GE 1600	0	18.6	73.4	81.4	87.6	89.7	91.4	91.4	92.4	92.8	92.8	92.8	93.1	93.4	93.4	93.4	93.4
GE 1400	0	18.6	73.4	81.4	87.6	89.7	91.4	91.4	92.4	92.8	92.8	92.8	93.1	93.4	93.4	93.4	93.4
GE 1200	0	18.6	73.4	81.4	87.6	89.7	91.4	91.4	92.4	92.8	92.8	92.8	93.1	93.4	93.4	93.4	93.4
GE 1000	0	19.0	75.5	83.4	89.7	91.7	93.4	93.4	94.5	94.8	94.8	94.8	95.2	95.5	95.5	95.5	95.5
GE 900	0	19.0	76.6	84.5	91.0	93.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
GE 800	0	19.0	76.6	84.5	91.0	93.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
GE 700	0	19.0	76.6	84.5	91.0	93.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
GE 600	0	19.0	76.6	84.5	91.0	93.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
GE 500	0	19.0	78.6	86.6	93.1	95.2	96.9	96.9	98.3	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.3
GE 450	0	19.0	78.6	86.6	93.1	95.2	96.9	96.9	98.3	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.3
GE 400	0	19.0	78.6	86.6	93.1	95.2	96.9	96.9	98.3	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.3
GE 350	0	19.0	78.6	86.6	93.1	95.2	96.9	96.9	98.3	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.3
GE 300	0	19.3	79.0	86.9	93.4	95.5	97.2	97.2	98.6	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7
GE 250	0	19.3	79.0	86.9	93.4	95.5	97.2	97.2	98.6	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7
GE 200	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 180	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 150	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 120	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 100	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 90	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 80	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 70	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 60	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 50	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 40	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 30	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 20	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 10	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 0	0	19.3	79.0	86.9	93.4	95.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALG HOURS(1ST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	31.6	82.0	88.6	55.6	57.1	97.8	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 20000	1	31.6	82.0	88.6	55.6	57.1	97.8	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 18000	1	31.6	82.0	88.6	55.6	57.1	97.8	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 16000	1	31.6	82.0	88.6	55.6	57.1	97.8	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 14000	1	31.6	82.0	88.6	55.6	57.1	97.8	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 12000	1	31.6	82.0	88.6	55.6	57.1	97.8	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 10000	1	31.6	82.7	89.3	56.3	57.8	98.5	98.5	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 9000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	31.6	82.7	89.3	56.7	58.2	98.9	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.6	72.9	80.8	87.8	90.3	92.3	92.3	93.0	93.5	93.7	93.9	93.9	94.0	94.1	94.2	94.2
GE 20000	21.6	73.4	81.4	88.4	91.1	93.1	93.1	93.8	94.3	94.6	94.7	94.7	94.8	94.9	95.0	95.1
GE 18000	21.6	73.4	81.4	88.4	91.1	93.1	93.2	93.8	94.3	94.6	94.7	94.8	94.9	95.0	95.1	95.1
GE 16000	21.6	73.4	81.4	88.4	91.1	93.1	93.2	93.8	94.3	94.6	94.7	94.8	94.9	95.0	95.1	95.1
GE 14000	21.6	73.4	81.4	88.4	91.1	93.1	93.2	93.8	94.3	94.6	94.7	94.8	94.9	95.0	95.1	95.1
GE 12000	21.6	73.7	81.7	88.7	91.4	93.5	93.5	94.1	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.4
GE 10000	21.7	74.8	83.1	90.2	92.9	94.9	95.0	95.6	96.1	96.4	96.5	96.6	96.7	96.8	96.8	96.9
GE 9000	21.8	75.8	84.2	91.5	94.2	96.3	96.4	97.0	97.6	97.8	98.0	98.0	98.1	98.2	98.3	98.3
GE 8000	21.8	75.8	84.2	91.5	94.3	96.4	96.4	97.1	97.6	97.9	98.0	98.0	98.1	98.2	98.3	98.4
GE 7000	21.8	75.8	84.2	91.5	94.3	96.4	96.4	97.1	97.6	97.9	98.0	98.0	98.1	98.2	98.3	98.4
GE 6000	21.8	75.8	84.2	91.5	94.3	96.4	96.4	97.1	97.6	97.9	98.0	98.0	98.1	98.2	98.3	98.4
GE 5000	21.8	76.5	85.0	92.2	95.0	97.1	97.1	97.8	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
GE 4500	21.8	76.5	85.0	92.2	95.0	97.1	97.1	97.8	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
GE 4000	21.8	76.5	85.0	92.2	95.0	97.1	97.1	97.8	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
GE 3500	21.8	76.5	85.0	92.2	95.0	97.1	97.1	97.8	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
GE 3000	21.9	76.8	85.2	92.5	95.2	97.3	97.4	98.0	98.6	98.8	99.0	99.0	99.1	99.2	99.3	99.3
GE 2500	21.9	77.0	85.4	92.7	95.5	97.6	97.6	98.3	98.8	99.1	99.2	99.3	99.4	99.5	99.6	99.6
GE 2000	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 1800	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 1500	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 1200	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 1000	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 900	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 800	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 700	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 600	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 500	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 400	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 300	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 200	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 100	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE 0	21.9	77.2	85.7	93.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	29.9	78.4	83.3	88.6	89.4	89.4	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2
GE 2000	29.9	78.8	83.7	89.0	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.5
GE 1800	29.9	78.8	83.7	89.0	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.5
GE 1600	29.9	78.8	83.7	89.0	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.5
GE 1400	29.9	78.8	83.7	89.0	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.5
GE 1200	30.3	79.5	84.5	89.8	90.5	90.5	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	91.3	91.3	91.3
GE 1000	31.1	82.2	87.1	92.4	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9
GE 900	31.1	84.1	89.0	94.7	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2
GE 800	31.1	84.1	89.0	94.7	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2
GE 700	31.1	84.1	89.0	94.7	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2
GE 600	31.1	84.1	89.0	94.7	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2
GE 500	31.1	84.5	89.4	95.1	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6
GE 450	31.1	84.5	89.4	95.1	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6
GE 400	31.1	84.5	89.4	95.1	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6
GE 350	31.1	84.5	89.4	95.1	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6
GE 300	32.2	86.0	90.9	97.0	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5
GE 250	32.6	86.4	91.3	97.3	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9
GE 200	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 180	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 160	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 140	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 120	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 100	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 90	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 80	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 70	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 60	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 50	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 40	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 30	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 20	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 10	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE	32.6	87.1	92.4	98.5	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
GE 2000	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
GE 1800	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
GE 1600	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
GE 1400	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
GE 1200	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
GE 1000	30.1	80.3	84.5	88.7	91.2	92.9	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3
GE 900	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 800	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 700	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 600	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 500	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 450	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 400	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 350	31.0	83.7	87.9	92.1	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
GE 300	32.2	85.4	89.5	94.1	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7
GE 250	32.2	85.4	89.5	94.1	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7
GE 200	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 180	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 160	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 140	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 120	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 90	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 80	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 70	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 60	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 50	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 40	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 30	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 20	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 10	32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	CI 32.2	86.2	90.4	95.4	97.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 239

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	18.1	66.9	71.8	81.2	82.6	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	1	18.5	69.3	74.2	84.0	85.4	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	1	18.5	69.3	74.2	84.0	85.4	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1600	1	18.5	69.3	74.2	84.0	85.4	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1400	1	18.5	69.3	74.2	84.0	85.4	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	1	18.5	70.0	74.9	84.7	86.1	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	1	18.5	74.6	79.4	89.2	90.6	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	1	18.8	78.4	83.6	93.4	94.8	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	1	18.8	78.7	84.0	93.7	95.1	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	1	18.8	78.7	84.0	93.7	95.1	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	1	18.8	78.7	84.0	93.7	95.1	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	1	18.8	79.8	85.0	94.8	96.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 450	1	18.8	79.8	85.0	94.8	96.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	1	18.8	80.1	85.4	95.1	96.5	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 350	1	18.8	80.1	85.4	95.1	96.5	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	1	18.8	80.8	86.1	95.8	97.2	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 250	1	18.8	81.2	86.4	96.2	97.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	19.2	81.9	87.5	97.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.3	67.7	74.2	80.4	82.1	82.8	82.8	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5
GE 2000	22.3	69.8	76.6	82.8	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9
GE 1800	22.3	69.8	76.6	82.8	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9
GE 1600	22.3	69.8	76.6	82.8	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9
GE 1400	22.3	69.8	76.6	82.8	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9
GE 1200	22.3	69.8	76.6	82.8	84.5	85.2	85.2	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9
GE 1000	23.4	74.9	82.5	89.0	90.7	91.4	91.4	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1
GE 900	24.1	78.4	85.9	92.8	94.5	95.2	95.2	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9
GE 800	24.1	79.0	86.6	93.5	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6
GE 700	24.1	79.0	86.6	93.5	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6
GE 600	24.1	79.0	86.6	93.5	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6
GE 500	24.4	79.7	87.3	94.2	95.9	96.6	96.6	96.9	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3
GE 450	24.4	79.7	87.3	94.2	95.9	96.6	96.6	96.9	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3
GE 400	24.4	80.1	87.6	94.5	96.2	96.9	96.9	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6
GE 350	24.4	80.1	87.6	94.5	96.2	96.9	96.9	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6
GE 300	25.1	80.8	88.3	95.2	96.9	97.6	97.6	97.9	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3
GE 250	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 180	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 150	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 120	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 90	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 80	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 70	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 60	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 50	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 40	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 30	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 20	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 10	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE	25.4	82.1	89.7	96.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	18.3	74.0	80.4	82.4	83.0	83.4	83.4	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 20000	18.7	75.8	82.7	84.4	85.1	85.5	85.5	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 18000	18.7	75.8	82.7	84.4	85.1	85.5	85.5	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 16000	18.7	75.8	82.7	84.4	85.1	85.5	85.5	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 14000	18.7	75.8	82.7	84.4	85.1	85.5	85.5	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 12000	19.0	77.2	84.1	85.8	86.5	86.9	86.9	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 10000	20.1	82.4	89.3	91.3	92.0	92.4	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 9000	20.4	83.4	90.7	92.7	93.4	93.8	93.8	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 8000	20.4	83.7	91.0	93.1	94.1	94.5	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000	20.4	83.7	91.0	93.1	94.1	94.5	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 6000	20.4	83.7	91.0	93.1	94.1	94.5	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 5000	20.4	84.4	91.7	93.8	94.8	95.2	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500	20.4	84.4	91.7	93.8	94.8	95.2	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	20.4	84.4	91.7	94.1	95.2	95.5	95.5	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	20.4	84.4	91.7	94.1	95.2	95.5	95.5	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	20.8	85.5	92.7	95.2	96.2	96.5	96.5	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	21.1	86.9	94.1	96.5	97.6	97.9	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	21.8	87.9	95.5	97.9	99.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(EST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	1	6T	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	1	19.0	69.0	74.1	77.2	77.9	76.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000C	1	19.0	71.7	76.9	80.0	80.7	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800C	1	19.0	72.1	77.2	80.3	81.0	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1600C	1	19.0	72.1	77.2	80.3	81.0	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1400C	1	19.0	72.1	77.2	80.3	81.0	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200C	1	19.0	72.8	77.9	81.0	81.7	82.4	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1000C	1	20.3	79.7	85.2	88.3	89.0	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900C	1	21.7	83.1	88.6	92.1	92.8	93.4	93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800C	1	21.7	83.4	89.0	92.4	93.1	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700C	1	21.7	83.4	89.0	92.4	93.1	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600C	1	21.7	83.4	89.0	92.4	93.1	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500C	1	21.7	84.1	89.7	93.1	93.8	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 450C	1	21.7	84.1	89.7	93.1	93.8	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400C	1	21.7	84.1	89.7	93.4	94.1	94.8	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 350C	1	21.7	84.1	89.7	93.4	94.1	94.8	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 300C	1	21.7	85.9	91.4	95.2	95.9	96.6	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 250C	1	22.1	97.2	92.8	96.6	97.2	97.9	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	22.1	88.6	94.1	97.9	98.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86

MONTH: SEP HOURS(IST): 1800-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	16.1	67.8	73.8	76.9	78.3	78.7	78.7	78.7	78.7	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	16.1	69.9	75.9	79.0	80.4	80.8	80.8	80.8	80.8	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	16.1	69.9	75.9	79.0	80.4	80.8	80.8	80.8	80.8	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1600	16.1	69.9	75.9	79.0	80.4	80.8	80.8	80.8	80.8	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1400	16.1	69.9	75.9	79.0	80.4	80.8	80.8	80.8	80.8	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1200	16.1	71.3	77.3	80.4	81.8	82.2	82.2	82.2	82.2	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	17.1	77.3	83.9	87.1	88.5	88.8	88.8	88.8	88.8	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	17.1	79.4	86.4	89.5	90.9	91.3	91.3	91.3	91.3	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	17.1	79.7	86.7	89.9	91.3	91.6	91.6	91.6	91.6	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	17.1	79.7	86.7	89.9	91.3	91.6	91.6	91.6	91.6	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	17.1	79.7	86.7	89.9	91.3	91.6	91.6	91.6	91.6	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
GE 500	17.1	80.8	87.8	90.9	92.3	92.7	92.7	92.7	92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
GE 450	17.1	80.8	87.8	90.9	92.3	92.7	92.7	92.7	92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
GE 400	17.1	81.1	88.1	91.6	93.0	93.4	93.4	93.4	93.4	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 350	17.1	81.1	88.1	91.6	93.0	93.4	93.4	93.4	93.4	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 300	17.8	83.6	90.6	94.1	95.5	96.2	96.2	96.2	96.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 250	17.8	85.3	92.3	95.8	97.2	97.9	97.9	97.9	97.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE n	18.2	86.0	93.4	96.9	98.3	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	28.2	76.8	83.0	85.7	86.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000C	1	29.0	77.6	83.8	86.5	87.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800C	1	29.0	77.6	83.8	86.5	87.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1600C	1	29.0	77.6	83.8	86.5	87.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1400C	1	29.0	77.6	83.8	86.5	87.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200C	1	29.7	79.2	85.3	88.0	88.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000C	1	30.5	81.9	88.0	90.7	91.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 450C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 350C	1	31.3	84.6	90.7	93.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300C	1	32.0	85.3	91.5	94.2	95.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 250C	1	32.0	86.9	93.1	95.8	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	1	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	C	32.0	87.6	94.2	96.9	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	22.2	72.2	77.7	82.2	83.4	84.3	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8
GE 2000	22.5	73.7	79.4	83.9	85.2	86.0	86.0	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5
GE 1800	22.5	73.8	79.5	84.0	85.2	86.0	86.0	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6
GE 1600	22.5	73.8	79.5	84.0	85.2	86.0	86.0	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6
GE 1400	22.5	73.8	79.5	84.0	85.2	86.0	86.0	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6
GE 1200	22.7	74.6	80.3	84.8	86.0	86.8	86.8	87.0	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4
GE 1000	23.6	79.0	84.9	89.6	90.8	91.6	91.6	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.2
GE 900	24.1	81.8	87.4	92.6	93.8	94.6	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
GE 800	24.1	82.0	88.1	92.8	94.1	94.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5
GE 700	24.1	82.0	88.1	92.8	94.1	94.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5
GE 600	24.1	82.0	88.1	92.8	94.1	94.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5
GE 500	24.2	82.6	88.7	93.4	94.7	95.5	95.5	95.7	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1
GE 450	24.2	82.6	88.7	93.4	94.7	95.5	95.5	95.7	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1
GE 400	24.2	82.8	88.8	93.7	95.0	95.8	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4
GE 350	24.2	82.8	88.8	93.7	95.0	95.8	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4
GE 300	24.8	84.1	90.1	95.1	96.4	97.2	97.2	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8
GE 250	24.9	85.2	91.2	96.2	97.5	98.4	98.4	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0
GE 200	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 180	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 150	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 120	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 90	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 80	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 70	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 60	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 50	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 40	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 30	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 20	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 10	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE	25.1	85.9	92.2	97.2	98.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2205

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	37.6	71.5	75.3	77.6	77.9	75.5	79.5	80.6	80.6	80.6	81.0	81.0	81.0	81.4	81.4	81.7
GE 20000	37.6	71.5	75.3	77.6	78.3	79.8	79.8	81.0	81.0	81.0	81.4	81.4	81.4	81.7	81.7	82.1
GE 18000	37.6	71.5	75.3	77.6	78.3	79.8	79.8	81.0	81.0	81.0	81.4	81.4	81.4	81.7	81.7	82.1
GE 16000	37.6	71.5	75.3	77.6	78.3	79.8	79.8	81.0	81.0	81.0	81.4	81.4	81.4	81.7	81.7	82.1
GE 14000	37.6	71.5	75.3	77.6	78.3	79.8	79.8	81.0	81.0	81.0	81.4	81.4	81.4	81.7	81.7	82.1
GE 12000	38.0	71.9	76.0	78.3	79.1	80.6	80.6	81.7	81.7	81.7	82.1	82.1	82.1	82.5	82.5	82.9
GE 10000	39.5	76.4	80.6	82.9	83.7	85.2	85.2	86.3	86.3	86.3	86.7	86.7	86.7	87.1	87.1	87.5
GE 9000	39.9	80.6	84.8	87.1	87.8	89.4	89.4	90.5	90.5	90.5	90.9	90.9	90.9	91.3	91.3	91.6
GE 8000	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 7000	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 6000	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 5000	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 4500	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 4000	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 3500	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE 3000	41.4	84.0	88.2	90.5	91.6	93.9	93.9	95.1	95.1	95.1	95.4	95.4	95.4	95.8	95.8	96.2
GE 2500	41.8	84.8	89.0	91.3	92.4	94.7	94.7	95.8	95.8	95.8	96.2	96.2	96.2	96.6	96.6	97.0
GE 2000	43.0	86.3	90.5	93.2	94.3	96.6	96.6	98.1	98.1	98.1	98.5	98.5	98.5	98.9	98.9	99.2
GE 1800	43.0	86.3	90.5	93.2	94.3	96.6	96.6	98.1	98.1	98.1	98.5	98.5	98.5	98.9	98.9	99.2
GE 1500	43.0	86.3	90.5	93.2	94.3	97.0	97.0	98.5	98.5	98.5	98.9	98.9	98.9	99.2	99.2	99.6
GE 1200	43.0	86.3	90.5	93.2	94.3	97.0	97.0	98.5	98.5	98.5	98.9	98.9	98.9	99.2	99.2	99.6
GE 1000	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 900	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 800	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 700	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 600	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 500	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 400	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 300	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 200	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE 100	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0
GE C	43.0	86.7	90.9	93.5	94.7	97.3	97.3	98.9	98.9	98.9	99.2	99.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	35.3	73.4	77.2	79.7	80.1	80.5	80.5	80.9	80.9	81.3	81.7	81.7	81.7	82.2	82.2	82.2
GE 20000	35.7	73.9	77.6	80.1	80.5	80.9	80.9	81.3	81.3	81.7	82.2	82.2	82.2	82.6	82.6	82.6
GE 18000	35.7	73.9	77.6	80.1	80.5	80.9	80.9	81.3	81.3	81.7	82.2	82.2	82.2	82.6	82.6	82.6
GE 16000	35.7	73.9	77.6	80.1	80.5	80.9	80.9	81.3	81.3	81.7	82.2	82.2	82.2	82.6	82.6	82.6
GE 14000	35.7	74.3	78.0	80.5	80.9	81.3	81.3	81.7	81.7	82.2	82.6	82.6	82.6	83.0	83.0	83.0
GE 12000	35.7	74.3	78.0	80.5	80.9	81.3	81.3	81.7	81.7	82.2	82.6	82.6	82.6	83.0	83.0	83.0
GE 10000	36.5	78.0	82.2	84.6	85.1	85.5	85.5	85.9	85.9	86.3	86.7	86.7	86.7	87.1	87.1	87.1
GE 9000	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 8000	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 7000	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 6000	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 5000	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 4500	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 4000	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 3500	37.3	82.6	87.1	89.6	90.0	90.5	90.5	90.9	90.9	91.3	91.7	91.7	91.7	92.1	92.1	92.1
GE 3000	37.3	83.8	88.4	90.9	91.3	92.1	92.1	92.5	92.5	92.9	93.4	93.4	93.4	93.8	93.8	93.8
GE 2500	38.2	85.9	90.9	93.4	94.2	95.4	95.4	95.9	95.9	96.3	96.7	96.7	96.7	97.1	97.1	97.1
GE 2000	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 1800	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 1500	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 1200	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 1000	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 900	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 800	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 700	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 600	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 500	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 400	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 300	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 200	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 100	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE	39.0	88.4	93.4	95.9	96.7	97.9	97.9	98.3	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	16.8	60.1	63.6	67.0	68.0	69.4	69.4	70.8	70.8	71.1	71.5	71.5	71.5	71.8	71.8	72.2
GE 20000	17.5	62.5	66.0	69.4	70.4	71.8	71.8	73.2	73.2	73.5	73.9	73.9	73.9	74.2	74.2	74.6
GE 18000	17.5	62.5	66.0	69.4	70.4	71.8	71.8	73.2	73.2	73.5	73.9	73.9	73.9	74.2	74.2	74.6
GE 16000	17.5	62.5	66.0	69.4	70.4	71.8	71.8	73.2	73.2	73.5	73.9	73.9	73.9	74.2	74.2	74.6
GE 14000	17.5	62.5	66.0	69.4	70.4	71.8	71.8	73.2	73.2	73.5	73.9	73.9	73.9	74.2	74.2	74.6
GE 12000	17.5	63.2	66.7	70.1	71.1	72.5	72.5	73.9	73.9	74.2	74.6	74.6	74.6	74.9	74.9	75.3
GE 10000	18.2	69.8	73.2	77.3	78.4	79.7	79.7	81.1	81.1	81.4	81.8	81.8	81.8	82.1	82.1	82.5
GE 9000	20.6	76.6	80.4	84.9	85.9	88.0	88.0	89.3	89.3	89.7	90.0	90.0	90.0	90.4	90.4	90.7
GE 8000	21.0	77.0	80.8	85.2	86.3	88.3	88.3	89.7	89.7	90.0	90.4	90.4	90.4	90.7	90.7	91.1
GE 7000	21.0	77.0	80.8	85.2	86.3	88.3	88.3	89.7	89.7	90.0	90.4	90.4	90.4	90.7	90.7	91.1
GE 6000	21.0	77.0	80.8	85.2	86.3	88.3	88.3	89.7	89.7	90.0	90.4	90.4	90.4	90.7	90.7	91.1
GE 5000	21.0	79.0	82.8	87.3	88.3	90.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
GE 4500	21.0	79.0	82.8	87.3	88.3	90.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
GE 4000	21.0	79.0	82.8	87.3	88.3	90.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
GE 3500	21.0	79.0	82.8	87.3	88.3	90.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
GE 3000	21.3	81.1	84.9	89.0	91.1	93.1	93.1	94.5	94.5	94.8	95.2	95.2	95.2	95.5	95.5	95.9
GE 2500	21.6	83.8	87.6	92.8	93.8	95.9	95.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.6
GE 2000	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 1800	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 1600	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 1400	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 1200	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 1000	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 900	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 800	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 700	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 600	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 500	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 400	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 300	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 200	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 100	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
GE 0	22.0	84.9	89.0	94.2	95.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	23.4	63.3	67.1	69.6	72.4	72.7	72.7	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	24.1	66.8	71.0	73.8	76.6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1800	24.1	66.8	71.0	73.8	76.6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1600	24.1	66.8	71.0	73.8	76.6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1400	24.1	66.8	71.0	73.8	76.6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	24.1	67.8	72.0	74.8	77.6	78.3	78.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1000	26.6	73.4	78.3	81.1	83.9	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 900	28.3	79.0	84.6	87.4	90.2	90.9	90.9	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	28.3	79.4	85.0	87.8	90.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	28.3	79.4	85.0	87.8	90.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	28.3	79.4	85.0	87.8	90.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 500	28.3	80.1	85.7	88.5	91.3	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 450	28.3	80.1	85.7	88.5	91.3	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 400	28.7	80.4	86.0	88.8	91.6	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 350	29.0	81.1	86.7	89.5	92.3	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 300	30.1	83.9	89.5	92.3	95.1	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 250	30.4	85.0	92.0	94.8	97.6	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 180	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 150	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 120	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 90	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 80	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 70	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 60	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 50	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 40	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 30	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 20	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10	30.8	85.7	92.7	95.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	30.8	86.0	93.0	95.8	98.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	28.6	67.7	71.4	72.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 20000	29.3	70.0	74.1	75.4	75.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	29.3	70.0	74.1	75.4	75.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	29.3	70.0	74.1	75.4	75.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	29.3	70.0	74.1	75.4	75.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	29.3	71.0	75.1	76.4	77.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	32.7	79.8	84.5	86.2	86.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 9000	33.7	83.8	88.6	90.6	91.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 8000	34.3	84.5	89.6	91.6	92.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	34.3	84.5	89.6	91.6	92.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 6000	34.3	84.5	89.6	91.6	92.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	34.3	85.2	90.2	92.3	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	34.3	85.2	90.2	92.3	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	34.3	85.2	90.2	92.3	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	34.3	85.2	90.2	92.3	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	35.0	86.9	91.9	93.9	94.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	35.4	88.9	94.3	96.6	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	35.4	89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	26.6	65.4	67.5	69.2	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3
GE 2000CI	28.3	69.2	72.7	74.5	75.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3
GE 1800CI	28.3	69.6	73.1	74.8	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6
GE 1600CI	28.3	69.6	73.1	74.8	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6
GE 1400CI	28.3	69.6	73.1	74.8	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6
GE 1200CI	28.7	71.0	74.5	76.2	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.0
GE 1000CI	31.5	79.4	82.9	84.6	85.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4
GE 900CI	32.5	83.2	86.7	88.8	89.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6
GE 800CI	32.9	83.6	87.1	89.2	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0
GE 700CI	32.9	83.6	87.1	89.2	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0
GE 600CI	32.9	83.6	87.1	89.2	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0
GE 500CI	32.9	84.3	87.8	89.9	90.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7
GE 450CI	32.9	84.3	87.8	89.9	90.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7
GE 400CI	33.2	84.6	88.1	90.2	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0
GE 350CI	33.2	84.6	88.1	90.2	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0
GE 300CI	33.9	86.4	89.9	92.0	93.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8
GE 250CI	34.3	90.2	93.7	96.2	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 200CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 180CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 150CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 120CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 100CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 90CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 80CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 70CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 60CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 50CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 40CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 30CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 20CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 10CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE CI	35.0	90.9	94.4	96.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	20.3	60.3	63.7	66.1	66.4	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
GE 2000C	21.0	63.1	67.1	69.8	70.2	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 1800C	21.0	63.1	67.1	69.8	70.2	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 1600C	21.0	63.1	67.1	69.8	70.2	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 1400C	21.0	63.4	67.5	70.2	70.5	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 1200C	22.0	64.7	68.8	71.5	71.9	73.2	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 1000C	24.1	74.2	78.6	81.7	82.4	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 900C	25.8	79.7	84.7	88.1	88.8	90.5	90.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
GE 800C	25.8	80.3	85.4	88.8	89.5	91.2	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 700C	25.8	80.3	85.4	88.8	89.5	91.2	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 600C	25.8	80.3	85.4	88.8	89.5	91.2	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 500C	25.8	81.7	86.8	90.2	90.8	92.5	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 450C	25.8	81.7	86.8	90.2	90.8	92.5	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 400C	25.8	81.7	86.8	90.2	90.8	92.5	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 350C	25.8	81.7	86.8	90.2	90.8	92.5	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 300C	25.8	83.4	88.5	92.5	93.2	94.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE 250C	25.8	85.4	91.2	95.3	95.9	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 200C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 180C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 150C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 120C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 90C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 80C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 70C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60C	25.8	85.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50C	25.8	95.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40C	25.8	95.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30C	25.8	95.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20C	25.8	95.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10C	25.8	95.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE C	25.8	95.8	91.9	96.3	97.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	40.2	69.2	73.3	75.2	75.2	76.3	76.3	78.2	78.2	78.2	78.2	78.2	78.6	78.6	78.6	78.6
GE 2000C	41.0	70.3	74.4	76.3	76.3	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
GE 1800C	41.0	70.3	74.4	76.3	76.3	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
GE 1600C	41.0	70.3	74.4	76.3	76.3	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
GE 1400C	41.0	70.3	74.4	76.3	76.3	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
GE 1200C	41.0	70.7	74.8	76.7	76.7	77.8	77.8	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1
GE 1000C	41.7	77.8	82.0	83.8	83.8	85.0	85.0	86.8	86.8	86.8	86.8	86.8	87.2	87.2	87.2	87.2
GE 900C	42.5	81.6	86.1	88.3	88.3	89.5	89.5	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7
GE 800C	43.6	82.7	87.2	89.5	89.5	90.6	90.6	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
GE 700C	43.6	82.7	87.2	89.5	89.5	90.6	90.6	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
GE 600C	43.6	82.7	87.2	89.5	89.5	90.6	90.6	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
GE 500C	43.6	83.1	87.6	89.8	89.8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 450C	43.6	83.1	87.6	89.8	89.8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 400C	43.6	83.1	87.6	89.8	89.8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 350C	43.6	83.1	87.6	89.8	89.8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 300C	44.7	85.7	90.2	92.5	92.5	94.0	94.0	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2
GE 250C	45.9	87.2	91.7	94.0	94.4	95.9	95.9	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1
GE 200C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 180C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 150C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 120C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 100C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 90C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 80C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 70C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 60C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 50C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 40C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 30C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 20C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 10C	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 0	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	28.2	66.1	69.6	71.9	72.6	73.8	73.8	74.4	74.4	74.5	74.7	74.7	74.7	74.9	74.9	75.0
GE 2000C	28.9	68.2	72.1	74.4	75.3	76.5	76.5	77.1	77.1	77.3	77.4	77.4	77.5	77.6	77.6	77.7
GE 1800C	28.9	68.3	72.1	74.5	75.3	76.5	76.5	77.2	77.2	77.3	77.4	77.4	77.5	77.7	77.7	77.8
GE 1600C	28.9	68.3	72.1	74.5	75.3	76.5	76.5	77.2	77.2	77.3	77.4	77.4	77.5	77.7	77.7	77.8
GE 1400C	28.9	68.4	72.2	74.6	75.4	76.6	76.6	77.3	77.3	77.4	77.5	77.5	77.6	77.8	77.8	77.8
GE 1200C	29.2	69.2	73.1	75.4	76.3	77.6	77.6	78.2	78.2	78.4	78.5	78.5	78.6	78.7	78.7	78.8
GE 1000C	31.0	76.0	80.2	82.7	83.7	84.9	84.9	85.6	85.6	85.8	85.9	85.9	86.0	86.1	86.1	86.2
GE 900C	32.3	80.9	85.3	88.1	89.0	90.4	90.4	91.1	91.1	91.3	91.4	91.4	91.5	91.6	91.6	91.7
GE 800C	32.6	81.4	86.0	88.7	89.7	91.1	91.1	91.8	91.8	91.9	92.0	92.0	92.1	92.3	92.3	92.4
GE 700C	32.6	81.4	86.0	88.7	89.7	91.1	91.1	91.8	91.8	91.9	92.0	92.0	92.1	92.3	92.3	92.4
GE 600C	32.6	81.4	86.0	88.7	89.7	91.1	91.1	91.8	91.8	91.9	92.0	92.0	92.1	92.3	92.3	92.4
GE 500C	32.6	82.2	86.7	89.5	90.4	91.8	91.8	92.5	92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.1
GE 450C	32.6	82.2	86.7	89.5	90.4	91.8	91.8	92.5	92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.1
GE 400C	32.7	82.3	86.8	89.6	90.5	91.9	91.9	92.6	92.6	92.8	92.9	92.9	93.0	93.1	93.1	93.2
GE 350C	32.7	82.4	86.9	89.7	90.6	92.0	92.0	92.7	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.3
GE 300C	33.4	84.4	88.9	91.9	92.9	94.4	94.4	95.1	95.1	95.3	95.4	95.4	95.5	95.6	95.6	95.7
GE 250C	33.8	86.4	91.3	94.3	95.4	97.0	97.0	97.8	97.8	97.9	98.0	98.0	98.1	98.2	98.2	98.3
GE 200C	34.3	87.5	92.5	95.6	96.7	98.3	98.3	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.7	99.8
GE 180C	34.3	87.5	92.5	95.6	96.7	98.3	98.3	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.7	99.8
GE 150C	34.3	87.5	92.5	95.6	96.7	98.4	98.4	99.1	99.2	99.3	99.4	99.4	99.5	99.6	99.8	99.9
GE 120C	34.3	87.5	92.5	95.6	96.8	98.4	98.4	99.2	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.9
GE 100C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 90C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 80C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 70C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 60C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 50C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 40C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 30C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 20C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE 10C	34.3	87.5	92.5	95.6	96.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
GE C	34.3	87.6	92.6	95.7	96.9	98.5	98.5	99.3	99.3	99.5	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2225

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		30.3	64.3	66.4	68.1	68.9	69.7	69.7	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0
GE 20000	30.3	65.1	67.2	68.9	69.7	70.6	70.6	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.8
GE 18000	30.3	65.1	67.2	68.9	69.7	70.6	70.6	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.8
GE 16000	30.3	65.1	67.2	68.9	69.7	70.6	70.6	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6
GE 14000	30.3	65.1	67.2	68.9	69.7	70.6	70.6	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.8
GE 12000	30.3	65.5	67.4	69.3	70.2	71.0	71.0	71.0	71.8	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.7
GE 10000	33.2	74.8	76.9	78.6	79.4	80.3	80.3	80.3	81.1	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.9
GE 9000	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 8000	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 7000	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 6000	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 5000	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 4500	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 4000	34.9	81.1	83.2	84.9	85.7	86.6	86.6	86.6	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.2
GE 3500	35.3	81.5	83.6	85.3	86.1	87.0	87.0	87.0	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.7
GE 3000	36.1	83.2	85.7	87.4	88.2	89.1	89.1	89.1	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.8
GE 2500	36.6	85.7	88.7	90.8	91.6	92.4	92.4	92.4	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	94.1
GE 2000	37.0	89.9	93.7	96.2	97.1	97.9	97.9	97.9	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.6
GE 1800	37.0	89.9	93.7	96.2	97.1	97.9	97.9	97.9	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.6
GE 1600	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 1500	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 1400	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 1300	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 1200	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 1100	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 1000	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 900	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 800	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 700	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 600	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 500	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 400	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 300	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 200	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
GE CL	37.0	89.9	93.7	96.6	97.5	98.3	98.3	98.3	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 236

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	61	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4
NO CEIL	1	29.8	68.1	68.9	69.7	69.7	71.0	71.0	71.4	71.4	71.8	72.3	72.3	72.3	72.7	72.7	72.7
GE 20000	1	29.8	68.9	69.7	70.6	70.6	71.8	71.8	72.3	72.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
GE 18000	1	29.8	68.9	69.7	70.6	70.6	71.8	71.8	72.3	72.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
GE 16000	1	29.8	68.9	69.7	70.6	70.6	71.8	71.8	72.3	72.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
GE 14000	1	29.8	68.9	69.7	70.6	70.6	71.8	71.8	72.3	72.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
GE 12000	1	29.8	68.9	69.7	70.6	70.6	71.8	71.8	72.3	72.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
GE 10000	1	32.4	74.4	75.2	76.1	76.1	77.3	77.3	77.7	77.7	78.2	78.6	78.6	78.6	79.0	79.0	79.0
GE 9000	1	33.2	79.0	79.8	81.1	81.1	82.4	82.4	82.8	82.8	83.2	83.6	83.6	83.6	84.0	84.0	84.0
GE 8000	1	33.6	79.8	80.7	81.9	81.9	83.2	83.2	83.6	83.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
GE 7000	1	33.6	79.8	80.7	81.9	81.9	83.2	83.2	83.6	83.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
GE 6000	1	33.6	79.8	80.7	81.9	81.9	83.2	83.2	83.6	83.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
GE 5000	1	33.6	79.8	80.7	81.9	81.9	83.2	83.2	83.6	83.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
GE 4500	1	33.6	79.8	80.7	81.9	81.9	83.2	83.2	83.6	83.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
GE 4000	1	33.6	80.3	81.1	82.4	82.4	83.6	83.6	84.0	84.0	84.5	84.9	84.9	84.9	85.3	85.3	85.3
GE 3500	1	33.6	80.3	81.1	82.4	82.4	83.6	83.6	84.0	84.0	84.5	84.9	84.9	84.9	85.3	85.3	85.3
GE 3000	1	34.9	81.9	82.8	84.0	84.0	85.3	85.3	85.7	85.7	86.1	86.6	86.6	86.6	87.0	87.0	87.0
GE 2500	1	36.6	84.6	88.7	90.8	90.8	92.0	92.0	92.4	92.4	92.9	93.3	93.3	93.3	93.7	93.7	93.7
GE 2000	1	37.0	91.2	93.3	95.8	95.8	97.1	97.1	97.5	97.5	97.9	98.3	98.3	98.3	98.7	98.7	98.7
GE 1800	1	37.0	91.2	93.3	95.8	95.8	97.1	97.1	97.5	97.5	97.9	98.3	98.3	98.3	98.7	98.7	98.7
GE 1500	1	37.4	91.6	93.7	96.2	96.2	97.5	97.5	97.9	97.9	98.3	98.7	98.7	98.7	99.2	99.2	99.2
GE 1200	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 1000	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 900	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 800	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 700	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 600	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 500	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 400	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 300	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 200	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE 100	1	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	100.0
GE	C	37.4	91.6	93.7	96.2	96.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 238

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	12.6	59.5	61.3	62.8	63.2	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.8	66.5	66.9
GE 2000	12.6	60.6	62.5	63.9	64.3	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	68.0
GE 1800	12.6	60.6	62.5	63.9	64.3	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	68.0
GE 1600	12.6	60.6	62.5	63.9	64.3	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	68.0
GE 1400	12.6	60.6	62.5	63.9	64.3	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	68.0
GE 1200	12.6	61.7	63.6	65.1	65.4	67.3	67.3	67.3	67.3	67.7	67.7	67.7	67.7	68.0	68.8	69.1
GE 1000	13.4	68.4	70.6	72.1	72.5	74.3	74.3	74.3	74.3	74.7	75.1	75.1	75.1	75.5	76.2	76.6
GE 900	14.1	72.9	75.5	77.0	77.3	79.2	79.2	79.6	79.6	79.9	80.3	80.3	80.3	80.7	81.4	81.8
GE 800	14.1	73.6	76.2	77.7	78.1	79.9	79.9	80.3	80.3	80.7	81.0	81.0	81.0	81.4	82.2	82.5
GE 700	14.1	73.6	76.2	77.7	78.1	79.9	79.9	80.3	80.3	80.7	81.0	81.0	81.0	81.4	82.2	82.5
GE 600	14.5	74.0	76.6	78.1	78.4	80.3	80.3	80.7	80.7	81.0	81.4	81.4	81.4	81.8	82.5	82.9
GE 500	14.5	75.5	78.1	79.6	79.9	81.8	81.8	82.2	82.2	82.5	82.9	82.9	82.9	83.3	84.0	84.4
GE 450	14.5	75.5	78.1	79.6	79.9	81.8	81.8	82.2	82.2	82.5	82.9	82.9	82.9	83.3	84.0	84.4
GE 400	14.5	75.5	78.1	79.6	79.9	81.8	81.8	82.2	82.2	82.5	82.9	82.9	82.9	83.3	84.0	84.4
GE 350	14.5	75.8	78.4	79.9	80.3	82.2	82.2	82.5	82.5	82.9	83.3	83.3	83.3	83.6	84.4	84.8
GE 300	14.9	77.0	79.6	81.0	81.4	83.6	83.6	84.0	84.0	84.4	84.8	84.8	84.8	85.1	85.9	86.2
GE 250	15.2	82.9	86.6	89.2	89.6	92.2	92.2	92.6	92.6	92.9	93.3	93.3	93.3	93.7	94.4	94.8
GE 200	15.2	86.6	91.1	94.1	94.4	97.0	97.0	97.4	97.4	97.8	98.1	98.1	98.1	98.5	99.3	99.6
GE 180	15.2	86.6	91.1	94.1	94.4	97.0	97.0	97.4	97.4	97.8	98.1	98.1	98.1	98.5	99.3	99.6
GE 160	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 140	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 120	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 100	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 90	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 80	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 70	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 60	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 50	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 40	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 30	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 20	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE 10	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE	15.2	87.0	91.4	94.4	94.8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: SELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.9	60.4	61.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.7	63.7	63.7
GE 20000	23.0	64.0	65.5	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6
GE 18000	23.0	64.4	65.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0
GE 16000	23.0	64.4	65.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0
GE 14000	23.0	64.4	65.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0
GE 12000	23.0	64.7	66.2	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3
GE 10000	26.3	72.7	74.8	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.0	77.0	77.0
GE 9000	27.7	78.8	80.9	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.1	83.1	83.1
GE 8000	28.1	79.9	82.0	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2	84.2	84.2
GE 7000	28.1	79.9	82.0	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2	84.2	84.2
GE 6000	28.1	79.9	82.0	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2	84.2	84.2
GE 5000	28.1	80.9	83.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3
GE 4500	28.1	80.9	83.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3
GE 4000	28.1	80.9	83.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3
GE 3500	28.1	80.9	83.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3
GE 3000	28.4	84.2	86.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.5	88.5	88.5
GE 2500	28.4	87.1	89.2	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7
GE 2000	29.1	92.4	95.3	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE 1800	29.1	93.2	96.0	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6
GE 1500	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 1200	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 1000	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 900	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 800	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 700	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 600	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 500	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 400	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 300	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 200	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE 100	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE	29.5	93.5	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	25.4	57.6	58.3	58.3	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	26.9	64.0	64.7	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	26.9	64.0	64.7	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	26.9	64.0	64.7	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	26.9	64.0	64.7	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	26.9	64.3	65.0	65.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	26.6	74.6	75.6	76.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	31.4	81.6	83.0	84.1	85.2	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9
GE 8000	31.4	82.0	83.4	84.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 7000	31.4	82.0	83.4	84.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	31.4	82.0	83.4	84.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 5000	31.4	82.3	83.7	84.8	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4500	31.4	82.3	83.7	84.8	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	31.4	82.3	83.7	84.8	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	31.8	83.0	84.5	85.5	86.6	86.9	86.9	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	32.2	84.8	86.2	87.3	88.3	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	32.5	89.4	91.2	92.9	94.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	32.9	92.6	94.3	96.5	98.9	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	32.9	92.6	94.3	96.5	98.9	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	32.9	92.9	94.7	96.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	160	180	200	240	280	320	360	400	480	560	640	720	800	880	960	1000
NO CEIL	1	20.9	55.2	55.6	55.6	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	1	21.3	58.8	59.6	59.6	59.9	59.9	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	1	21.7	59.6	60.3	60.3	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	1	21.7	59.6	60.3	60.3	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	1	21.7	59.6	60.3	60.3	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	1	24.2	62.8	63.5	63.5	63.9	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	1	27.8	73.6	74.4	74.7	75.1	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	1	21.0	81.2	82.3	83.0	83.4	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000	1	21.0	81.6	82.7	83.8	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	1	21.0	81.6	82.7	83.8	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	1	21.0	81.6	82.7	83.8	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 5000	1	21.4	82.3	83.4	84.5	84.8	84.8	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	1	21.4	82.3	83.4	84.5	84.8	84.8	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	1	21.8	83.0	84.1	85.2	85.6	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	1	22.1	83.8	84.8	85.9	86.3	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	1	23.2	86.3	87.4	88.4	88.8	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	1	23.9	91.3	92.8	93.9	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	1	24.3	94.2	95.7	97.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	1	24.3	94.6	96.0	97.5	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	24.3	94.9	96.4	97.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.4	61.2	62.6	62.6	63.0	63.0	63.3	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 2000	19.7	62.3	63.7	63.7	64.0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1800	19.7	62.3	63.7	63.7	64.0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1600	19.7	62.3	63.7	63.7	64.0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1400	19.7	62.3	63.7	63.7	64.0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1200	19.7	62.6	64.0	64.0	64.4	64.4	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1000	24.2	73.0	74.7	74.7	75.1	75.1	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.5
GE 900	25.6	79.6	81.7	81.7	82.0	82.0	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4
GE 800	26.0	79.9	82.0	82.0	82.4	82.4	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
GE 700	26.0	79.9	82.0	82.0	82.4	82.4	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
GE 600	26.0	79.9	82.0	82.0	82.4	82.4	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
GE 500	26.3	81.0	83.0	83.0	83.4	83.4	83.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8
GE 450	26.3	81.0	83.0	83.0	83.4	83.4	83.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8
GE 400	26.3	81.3	83.4	83.4	83.7	83.7	84.1	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1
GE 350	26.3	81.3	83.4	83.4	83.7	83.7	84.1	84.4	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.5
GE 300	26.6	83.4	85.5	85.5	85.8	85.8	86.2	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.5
GE 250	27.0	87.9	90.7	91.7	92.0	92.0	92.4	92.7	93.4	93.4	93.8	94.1	94.1	94.1	94.1	94.1
GE 200	27.0	91.7	95.5	96.9	96.9	96.9	97.2	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	99.0
GE 180	27.0	91.7	95.5	96.9	97.2	97.2	97.6	97.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.3
GE 150	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 120	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 100	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 90	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 80	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 70	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 60	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 50	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 40	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 30	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 20	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 10	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 0	27.0	91.7	95.5	96.9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1	32.0	65.8	67.3	68.0	68.0	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	
GE 2000C	1	32.3	67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0	
GE 1800C	1	32.3	67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0	
GE 1600C	1	32.3	67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0	
GE 1400C	1	32.3	67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0	
GE 1200C	1	32.3	68.4	69.9	70.6	70.6	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.1	
GE 1000C	1	35.7	74.3	76.6	77.7	77.7	78.4	78.4	78.8	78.8	78.8	78.8	79.2	79.2	79.2	79.2	79.6	
GE 900C	1	37.5	80.7	82.9	84.0	84.0	84.8	84.8	85.1	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.9	
GE 800C	1	37.5	81.4	83.6	84.8	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6	
GE 700C	1	37.5	81.4	83.6	84.8	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6	
GE 600C	1	37.5	81.4	83.6	84.8	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6	
GE 500C	1	37.5	81.4	83.6	84.8	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6	
GE 450C	1	37.5	81.4	83.6	84.8	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6	
GE 400C	1	37.5	81.8	84.0	85.1	85.1	85.9	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	87.0	
GE 350C	1	37.5	82.2	84.4	85.5	85.5	86.2	86.2	86.6	86.6	86.6	86.6	87.0	87.0	87.0	87.0	87.4	
GE 300C	1	38.7	83.6	86.2	87.4	87.4	88.1	88.1	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.8	89.2	
GE 250C	1	40.1	87.0	90.3	92.9	92.9	93.7	93.7	94.1	94.1	94.1	94.4	94.8	94.8	94.8	94.8	95.2	
GE 200C	1	40.9	90.3	93.7	97.0	97.0	97.8	97.8	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	99.3	
GE 180C	1	40.9	90.3	93.7	97.0	97.0	97.8	97.8	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	99.3	
GE 150C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 120C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 100C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 90C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 80C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 70C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 60C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 50C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 40C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 30C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 20C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE 10C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	
GE C	1	40.9	90.3	94.1	97.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	23.8	61.3	62.6	63.3	63.7	64.3	64.4	64.5	64.7	64.8	64.8	64.8	64.8	65.0	65.1	65.2
GE 2000	1	24.3	63.8	65.1	65.8	66.2	66.8	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.8
GE 1800	1	24.3	63.9	65.2	66.0	66.4	67.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
GE 1600	1	24.3	63.9	65.2	66.0	66.4	67.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
GE 1400	1	24.3	63.9	65.2	66.0	66.4	67.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
GE 1200	1	24.7	64.8	66.1	66.9	67.3	67.9	68.1	68.2	68.3	68.4	68.5	68.5	68.5	68.7	68.8	68.9
GE 1000	1	27.5	73.2	74.8	75.8	76.2	76.8	77.0	77.1	77.3	77.3	77.4	77.5	77.5	77.7	77.8	78.0
GE 900	1	29.3	79.4	81.2	82.3	82.7	83.3	83.4	83.6	83.7	83.9	84.0	84.1	84.1	84.2	84.3	84.5
GE 800	1	29.4	79.9	81.7	82.9	83.3	83.9	84.0	84.2	84.4	84.5	84.6	84.7	84.7	84.8	84.9	85.1
GE 700	1	29.4	79.9	81.7	82.9	83.3	83.9	84.0	84.2	84.4	84.5	84.6	84.7	84.7	84.8	84.9	85.1
GE 600	1	29.5	80.0	81.8	82.9	83.3	83.9	84.1	84.3	84.4	84.5	84.6	84.7	84.7	84.9	85.0	85.1
GE 500	1	29.6	80.6	82.4	83.5	83.9	84.5	84.7	84.9	85.0	85.1	85.2	85.3	85.3	85.5	85.6	85.8
GE 450	1	29.6	80.6	82.4	83.5	83.9	84.5	84.7	84.9	85.0	85.1	85.2	85.3	85.3	85.5	85.6	85.8
GE 400	1	29.6	80.8	82.6	83.7	84.2	84.8	84.9	85.1	85.2	85.4	85.5	85.6	85.6	85.7	85.8	86.0
GE 350	1	29.8	81.1	83.0	84.1	84.5	85.1	85.2	85.4	85.6	85.7	85.8	85.9	85.9	86.1	86.2	86.4
GE 300	1	30.5	83.1	85.0	86.1	86.5	87.2	87.3	87.5	87.7	87.8	87.9	88.0	88.0	88.2	88.3	88.5
GE 250	1	31.1	87.3	89.8	91.7	92.2	92.9	93.0	93.2	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.2
GE 200	1	31.5	91.2	94.1	96.4	97.1	97.9	98.0	98.2	98.4	98.6	98.7	98.8	98.8	99.0	99.1	99.3
GE 180	1	31.5	91.3	94.3	96.5	97.3	98.1	98.2	98.4	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.4
GE 150	1	31.6	91.5	94.5	97.0	97.7	98.5	98.6	98.8	99.0	99.2	99.3	99.4	99.4	99.6	99.7	99.9
GE 120	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 100	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 90	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 80	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 70	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 60	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 50	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 40	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 30	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 20	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.9
GE 10	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	100.0
GE	1	31.6	91.5	94.5	97.0	97.8	98.6	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2141

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 30	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		37.7	69.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2000	37.7	69.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1800	37.7	69.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1600	37.7	69.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1400	37.7	69.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1200	38.1	70.2	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 1000	41.9	75.5	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 900	45.7	85.7	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 800	46.0	87.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	46.0	87.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 600	46.0	87.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 500	46.0	87.5	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 450	46.0	87.5	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	46.0	87.5	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 350	46.0	87.5	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 300	46.4	88.7	90.2	91.3	91.3	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 250	47.2	91.7	93.6	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 200	47.2	93.6	95.8	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 180	47.2	93.6	95.8	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 150	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	47.2	94.0	96.2	98.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 265

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86

MONTH: DEC

HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	36.6	70.3	71.1	72.0	72.4	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 20000	1	36.6	70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	1	36.6	70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	1	36.6	70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	1	36.6	70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	1	36.6	72.0	72.8	73.6	74.0	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	1	41.1	80.5	81.3	82.1	82.5	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000	1	43.5	87.8	89.0	89.8	90.2	90.2	90.2	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 8000	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 7000	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 5000	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	1	43.5	88.2	89.4	90.2	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	1	43.9	90.2	91.5	92.7	93.1	93.1	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	1	45.1	93.9	95.1	96.3	96.7	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	1	45.5	95.1	96.3	98.0	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	1	45.5	95.1	96.3	98.0	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	nl	45.5	95.9	97.2	98.8	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL	20.3	63.4	64.1	65.2	65.5	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 20000	20.7	64.5	65.2	66.2	66.6	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 18000	20.7	64.5	65.2	66.2	66.6	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 16000	20.7	64.5	65.2	66.2	66.6	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 14000	20.7	64.5	65.2	66.2	66.6	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 12000	20.7	64.5	65.2	66.2	66.6	67.2	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
GE 10000	22.8	73.4	74.1	75.2	75.5	76.6	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
GE 9000	24.8	82.1	82.8	84.1	84.5	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 8000	26.2	84.5	85.5	86.9	87.2	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
GE 7000	26.2	84.5	85.5	86.9	87.2	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
GE 6000	26.2	84.5	85.5	86.9	87.2	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
GE 5000	26.2	85.5	86.6	87.9	88.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 4500	26.2	85.5	86.6	87.9	88.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 4000	26.2	85.9	86.9	88.3	88.6	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
GE 3500	26.2	85.9	86.9	88.3	88.6	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
GE 3000	26.6	87.9	89.0	90.3	90.7	91.7	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 2500	26.6	91.7	92.8	94.1	94.5	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 2000	26.9	94.8	95.9	97.2	97.6	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1800	26.9	94.8	95.9	97.2	97.6	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1500	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	26.9	95.2	96.2	97.6	97.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86

MONTH: DEC

HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	1	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	23.3	55.1	56.8	57.5	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	1	25.0	58.6	60.3	61.0	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	1	25.0	58.9	60.6	61.3	61.6	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	1	25.0	58.9	60.6	61.3	61.6	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	1	25.0	58.9	60.6	61.3	61.6	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	1	25.0	59.9	61.6	62.3	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	1	28.8	70.9	72.6	73.3	73.6	73.6	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	1	31.5	77.4	79.8	80.8	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 8000	1	31.8	79.5	81.8	82.9	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	1	31.8	79.5	81.8	82.9	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	1	32.2	80.1	82.5	83.6	84.2	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 5000	1	32.2	81.5	83.9	84.9	85.6	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	1	32.2	81.5	83.9	84.9	85.6	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	1	32.2	81.5	83.9	84.9	85.6	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	1	32.2	81.5	83.9	84.9	85.6	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	1	32.2	84.9	87.3	88.4	89.0	89.0	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	1	32.5	90.4	92.8	93.8	94.5	94.5	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	1	32.5	93.5	95.9	96.3	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	1	32.5	93.5	95.9	96.3	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 200	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 100	1	32.5	94.2	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.0	58.7	59.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2000	26.3	63.0	63.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 1800	26.3	63.3	63.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1600	26.3	63.3	63.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1400	26.3	63.7	64.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1200	27.3	65.0	65.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1000	29.3	73.3	73.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 900	34.0	82.0	82.3	83.3	83.3	83.7	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 800	34.3	83.3	83.7	84.7	84.7	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 700	34.3	83.3	83.7	84.7	84.7	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 600	34.3	83.3	83.7	84.7	84.7	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 500	34.3	83.7	84.0	85.0	85.0	85.3	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 450	34.3	83.7	84.0	85.0	85.0	85.3	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 400	34.3	84.0	84.3	85.3	85.3	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 350	34.7	84.3	84.7	85.7	85.7	86.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 300	35.0	85.0	85.3	86.3	86.3	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 250	37.7	92.3	93.0	94.0	94.3	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 200	38.0	96.3	97.3	98.7	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 180	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE	38.0	96.3	97.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	26.9	59.2	59.5	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 2000C	28.6	62.2	62.6	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1800C	28.6	62.2	62.6	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1600C	28.6	62.2	62.6	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1400C	28.6	62.2	62.6	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1200C	29.3	64.6	65.0	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 1000C	30.6	71.8	72.4	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 900C	35.4	82.0	83.3	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 800C	35.4	82.3	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 700C	35.4	82.3	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 600C	35.4	82.3	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 500C	35.4	82.3	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 450C	35.4	82.3	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 400C	35.4	82.3	83.7	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 350C	35.7	82.7	84.0	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 300C	26.1	86.1	87.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 250C	37.4	91.2	93.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 200C	38.4	95.2	97.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 180C	38.4	95.2	97.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 150C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	38.4	95.2	97.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1800-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	25.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2000C	26.3	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1800C	26.3	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1600C	26.3	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1400C	26.3	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200C	27.0	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1800C	29.7	77.7	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 900C	30.7	84.0	85.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 800C	30.7	86.0	87.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 700C	30.7	86.0	87.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 600C	30.7	86.0	87.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 500C	30.7	87.0	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 450C	30.7	87.0	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 400C	30.7	87.0	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 350C	30.7	87.0	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 300C	31.0	89.3	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 250C	31.3	94.0	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 200C	32.3	96.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 180C	32.3	96.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 150C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	32.3	96.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: SELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	37.3	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	37.3	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	37.3	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 16000	37.3	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 14000	37.3	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	37.3	67.9	68.6	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	41.7	74.5	75.3	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	43.5	80.8	81.5	82.7	82.7	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	44.3	82.7	83.8	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	44.3	82.7	83.8	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	44.3	82.7	83.8	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	44.3	82.7	83.8	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	44.3	82.7	83.8	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	44.3	83.0	84.1	85.2	85.2	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	44.3	83.0	84.1	85.2	85.2	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	45.4	84.9	86.0	87.1	87.1	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	45.4	90.0	91.5	93.4	93.4	93.7	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1400	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	47.2	94.8	96.3	98.2	98.2	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	()	47.2	94.8	96.3	98.2	98.5	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	28.7	63.4	64.1	64.9	65.1	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	29.5	65.2	65.9	66.7	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 18000	29.5	65.3	66.0	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	29.5	65.3	66.0	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	29.5	65.3	66.1	66.9	67.0	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	29.8	66.5	67.3	68.1	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 10000	32.9	74.6	75.5	76.3	76.4	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	35.8	82.6	83.7	84.7	84.9	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 8000	36.2	84.1	85.3	86.3	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	36.2	84.1	85.3	86.3	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	36.2	84.2	85.4	86.4	86.6	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	36.2	84.7	86.0	86.9	87.1	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	36.2	84.7	86.0	86.9	87.1	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	36.2	84.9	86.1	87.0	87.2	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3500	36.3	84.9	86.2	87.1	87.3	87.6	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	36.7	87.1	88.3	89.4	89.6	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	37.6	91.9	93.5	94.8	95.0	95.3	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	38.2	95.0	96.7	98.4	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	38.2	95.0	96.7	98.4	98.8	99.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	38.2	95.3	97.0	98.8	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2258

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(151): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	23.8	66.0	69.8	72.9	73.8	74.5	74.5	74.8	75.0	75.1	75.1	75.2	75.2	75.3	75.3	75.4
GE 2000C	24.3	67.9	71.9	75.1	76.0	76.8	76.8	77.1	77.3	77.3	77.4	77.4	77.5	77.6	77.6	77.7
GE 1800C	24.3	67.9	72.0	75.1	76.0	76.8	76.9	77.1	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.7
GE 1600C	24.3	67.9	72.0	75.1	76.1	76.8	76.9	77.1	77.3	77.4	77.5	77.5	77.5	77.6	77.7	77.7
GE 1400C	24.3	67.9	72.0	75.1	76.1	76.8	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.6	77.7	77.7
GE 1200C	24.5	68.8	72.9	76.1	77.0	77.8	77.8	78.1	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.7
GE 1000C	26.1	74.7	79.1	82.5	83.5	84.3	84.4	84.7	84.9	85.0	85.0	85.1	85.1	85.2	85.2	85.3
GE 900C	27.4	79.7	84.4	88.1	89.2	90.0	90.1	90.4	90.6	90.7	90.8	90.8	90.9	91.0	91.0	91.1
GE 800C	27.6	80.2	85.0	88.7	89.8	90.7	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.6	91.7	91.7
GE 700C	27.6	80.2	85.0	88.7	89.8	90.7	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.6	91.7	91.7
GE 600C	27.6	80.2	85.0	88.7	89.8	90.7	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.6	91.7	91.7
GE 500C	27.6	81.1	85.8	89.5	90.6	91.5	91.5	91.9	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.6
GE 450C	27.6	81.1	85.8	89.5	90.6	91.5	91.5	91.9	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.6
GE 400C	27.6	81.2	85.9	89.6	90.7	91.6	91.7	92.0	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.7
GE 350C	27.7	81.3	86.0	89.8	90.9	91.8	91.8	92.2	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.8
GE 300C	28.1	82.8	87.6	91.4	92.5	93.4	93.5	93.8	94.0	94.1	94.2	94.2	94.3	94.4	94.4	94.5
GE 250C	28.5	85.3	90.3	94.3	95.4	96.4	96.4	96.8	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.5
GE 200C	28.8	87.0	92.2	96.4	97.6	98.6	98.6	99.0	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
GE 180C	28.8	87.0	92.2	96.4	97.6	98.6	98.6	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.7
GE 150C	28.8	87.1	92.3	96.5	97.7	98.7	98.8	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9
GE 120C	28.8	87.1	92.3	96.5	97.7	98.8	98.8	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9
GE 100C	28.8	87.1	92.3	96.5	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 90C	28.8	87.1	92.3	96.5	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 80C	28.8	87.1	92.3	96.5	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 70C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 60C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 50C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 40C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 30C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 20C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 10C	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9
GE	CI	28.8	87.1	92.3	96.6	97.8	98.8	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 26486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS ILST	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	31.6	5.1		10.5	10.9	10.5	7.0		10.5	2.7	10.9	3.4	256
03-05	39.3	2.0		9.0	7.9	11.5	9.0		7.8	4.9	9.0	3.7	244
06-08	23.9	6.1		12.5	12.5	7.5	10.0		8.9	7.5	11.1	4.4	280
09-11	15.4	7.7		11.9	11.9	10.2	7.0		10.5	12.3	12.6	5.1	285
12-14	7.6	5.0		11.9	12.9	14.7	9.4		10.1	10.4	14.0	5.4	278
15-17	10.6	8.1		12.4	12.0	9.9	12.0		14.1	8.1	12.7	5.3	263
18-20	14.4	4.6		14.4	13.0	9.8	11.9		8.8	7.7	15.4	5.1	285
21-23	24.8	5.3		12.8	11.0	11.7	8.9		8.5	5.0	12.1	4.3	282
TOTALS	21.0	6.0		11.9	11.5	10.7	9.4		10.0	7.3	12.2	4.7	2193

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS ILST	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.0	4.6		7.9	9.1	10.0	7.5		9.5	2.9	14.5	4.1	241
03-05	35.1	1.4		10.8	10.4	8.1	6.8		9.0	5.0	13.5	4.1	222
06-08	22.7	4.0		10.8	9.2	11.6	7.6		13.5	7.2	13.5	4.6	251
09-11	14.3	8.1		10.8	14.3	9.7	8.1		10.4	8.9	15.4	5.1	259
12-14	8.3	6.1		11.7	14.4	12.5	10.6		15.2	8.0	13.3	5.5	264
15-17	6.4	4.9		11.3	12.0	13.2	15.4		13.5	10.5	12.4	5.0	266
18-20	14.0	4.5		10.6	14.3	12.5	9.8		9.4	8.7	16.2	5.3	265
21-23	22.5	2.8		8.8	15.3	10.4	10.0		10.0	5.6	14.5	4.0	249
TOTALS	19.7	4.6		10.3	12.4	11.0	9.5		11.4	7.1	14.2	4.4	2017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	18.6	1.5		7.9	9.0	9.4	9.0		8.2	5.2	11.2	3.9	267
03-05	41.9	2.3		9.3	6.6	8.1	8.5		7.4	7.0	8.9	3.6	258
06-08	25.7	6.4		10.4	11.4	8.2	8.6		10.7	8.6	10.0	4.4	280
09-11	22.8	6.0		10.7	9.3	11.7	8.5		11.7	5.7	13.5	4.7	281
12-14	12.4	8.2		10.3	14.1	13.4	7.6		12.4	7.2	14.4	5.2	291
15-17	9.5	7.1		8.8	15.9	13.4	6.4		14.1	10.2	14.5	5.5	283
18-20	14.9	5.9		9.4	11.1	10.4	13.5		11.1	10.4	13.2	5.3	288
21-23	31.1	4.2		14.3	9.1	10.5	6.6		6.6	5.6	11.9	4.0	286
TOTALS	24.6	5.2		10.1	10.8	10.6	8.6		10.1	7.5	12.2	4.0	2234

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	49.2	2.8		7.5	9.1	8.7	6.7		7.5	4.4	3.6	2.6	252
03-05	46.5	2.1		7.1	7.1	12.4	6.2		8.7	4.6	5.4	3.2	241
06-08	31.9	4.9		9.5	7.4	10.2	11.6		9.1	5.6	9.8	4.0	285
09-11	23.6	7.4		9.9	12.7	9.5	8.8		8.1	8.5	11.6	4.5	284
12-14	17.6	7.9		11.2	13.3	10.4	8.6		10.4	8.6	11.9	4.0	278
15-17	17.2	6.8		11.8	11.8	10.4	11.1		11.8	9.0	10.0	4.6	279
18-20	22.5	6.0		7.7	13.7	11.9	13.0		11.2	4.2	9.8	4.5	285
21-23	40.2	3.8		10.6	10.2	9.1	6.4		8.0	4.5	7.2	3.4	264
TOTALS	31.1	5.2		9.4	10.7	10.3	9.1		9.0	6.2	8.7	4.0	2160

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02 I	58.8	1.2		7.8	7.1	5.5	3.9		6.2	5.1	4.3	2.4
03-05 I	60.9			5.0	7.1	6.3	5.9		5.5	3.8	5.0	2.4
06-08 I	47.6	3.5		8.4	6.6	6.6	5.2		7.7	6.6	7.7	3.2
09-11 I	37.8	7.9		10.0	9.6	6.2	7.9		4.5	7.2	8.9	3.4
12-14 I	22.3	11.0		16.6	11.3	10.6	5.7		9.5	5.7	7.1	3.9
15-17 I	22.6	12.0		14.8	10.2	9.5	9.5		7.4	6.7	7.1	3.4
18-20 I	32.2	6.3		8.4	11.5	13.3	8.4		8.7	4.2	7.0	3.7
21-23 I	51.2	2.0		10.3	7.5	7.9	7.5		4.8	4.0	4.8	2.7
TOTALS I	41.7	5.5		10.2	8.9	8.2	6.8		6.5	5.4	6.5	3.2

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02 I	76.0	1.1		7.2	6.1	4.6	2.7			1.1	1.1	1.1
03-05 I	75.5	3.2		5.1	5.9	4.0	2.8		.4	1.6	1.6	1.1
06-08 I	63.9	3.2		6.8	5.0	4.6	8.6		3.5	1.8	2.1	1.5
09-11 I	57.4	6.7		10.6	6.4	6.7	2.5		4.6	1.4	3.5	2.0
12-14 I	43.7	10.6		15.8	10.2	8.1	4.6		2.5	2.5	2.1	2.3
15-17 I	38.5	11.4		15.4	13.9	6.2	3.7		7.7	2.6	.7	2.6
18-20 I	50.4	5.6		12.5	8.8	6.3	6.3		4.8	1.1	.4	2.0
21-23 I	67.5	4.4		9.6	7.7	5.9	1.5		2.2	.7	.4	1.3
TOTALS I	59.1	6.3		10.4	8.0	5.8	4.1		3.2	1.6	1.5	1.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JLL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	90.6			3.4	1.1	2.6	1.1		1.1			.4	265
03-05 I	90.3	.8		2.4	1.2	3.6			.8	.4	.4	.5	247
06-08 I	85.8	2.1		3.6	2.5	1.8	1.8		1.1	.7	.7	.6	281
09-11 I	81.4	5.6		6.0	2.8	1.8	.7			.7	1.1	.6	285
12-14 I	67.8	11.9		9.8	4.4	3.1	2.0		.3		.7	1.0	295
15-17 I	63.4	11.8		11.5	5.2	3.8	1.7		1.0	1.0		1.2	287
18-20 I	68.1	5.5		9.1	6.3	2.1	2.5		1.8	.4	.4	1.1	285
21-23 I	83.1	3.6		6.8	1.8	2.9	1.1		.7			.6	278
TOTALS I	78.8	5.7		6.6	3.2	2.7	1.4		.6	.5	.4	.8	2223

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	84.8	1.5		4.5	3.8	2.7	1.5		.8		.4	.6	264
03-05 I	85.8	.8		4.1	2.8	4.1	.4		2.0			.6	246
06-08 I	69.3	3.5		10.2	5.3	4.9	2.5		3.2	.7	.4	1.3	283
09-11 I	62.9	11.2		9.9	6.5	2.0	2.4		3.4	1.7		1.3	294
12-14 I	55.7	13.1		11.3	6.5	4.8	4.5		2.4	1.4	.3	1.6	291
15-17 I	56.1	11.4		13.5	6.9	3.8	2.4		4.2	1.4	.3	1.6	289
18-20 I	58.0	10.0		9.6	9.6	5.3	4.6		2.1	.7		1.6	281
21-23 I	75.7	3.7		9.6	5.9	3.3	1.5		.4			.8	272
TOTALS I	68.5	6.9		9.1	5.9	3.9	2.5		2.3	.7	.2	1.2	2220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	68.4	3.4		7.2	7.2	3.8	2.3		4.5	.4	2.3	1.5	263
03-05	66.1	2.1		11.3	7.1	4.6	2.1		4.2	1.7	.8	1.6	239
06-08	49.8	6.8		11.5	7.5	7.5	7.5		4.7	2.2	2.5	2.4	279
09-11	44.6	11.2		14.4	8.4	3.2	7.0		5.6	4.2	1.4	2.4	285
12-14	29.1	14.4		15.4	15.1	8.4	5.6		6.3	2.1	3.5	3.1	285
15-17	25.6	17.1		14.9	13.2	9.3	5.0		7.5	2.5	5.0	3.2	281
18-20	30.4	12.5		10.7	13.2	9.3	9.3		7.5	3.2	3.9	3.3	280
21-23	45.2	6.6		13.9	11.6	8.9	5.0		6.2	1.5	1.2	2.4	259
TOTALS	44.9	9.3		12.4	10.4	6.9	5.5		5.9	2.2	2.6	2.5	2171

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	50.6	1.9		9.1	10.6	8.7	6.4		4.2	4.2	4.5	2.7	265
03-05	47.3	3.3		10.8	11.2	8.7	7.1		5.4	2.5	3.7	2.7	241
06-08	28.4	8.3		12.2	12.2	10.8	9.0		9.4	4.7	5.0	3.7	278
09-11	27.6	12.7		11.3	13.8	4.9	8.5		9.5	6.0	5.7	3.6	283
12-14	12.6	16.4		17.4	16.4	9.6	10.2		7.5	5.8	4.1	4.0	293
15-17	14.0	13.6		15.4	14.0	11.1	10.8		10.8	6.1	4.3	4.2	279
18-20	21.3	7.7		11.9	12.6	14.0	10.5		10.1	7.0	4.9	4.2	286
21-23	35.2	5.6		10.5	13.9	12.0	6.7		7.5	4.9	3.4	3.1	267
TOTALS	29.6	8.7		12.3	13.1	10.0	8.7		8.1	5.2	4.5	3.6	2192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.2	4.1		10.7	11.5	9.5	5.8		11.5	4.1	8.2	3.6	243
03-05	36.7	7.1		10.4	9.6	8.8	7.5		7.9	5.0	7.1	3.4	240
06-08	24.3	5.7		15.6	13.3	8.7	8.7		9.1	4.9	9.5	4.1	263
09-11	19.3	8.0		11.6	12.4	8.7	11.3		11.6	9.5	7.6	4.6	275
12-14	8.9	9.2		15.9	11.1	13.3	9.2		10.3	10.0	12.2	5.4	271
15-17	11.6	7.6		9.8	11.6	13.4	13.8		14.1	10.1	8.0	5.2	276
18-20	22.6	7.5		12.9	9.7	10.4	7.2		10.6	9.3	10.4	4.5	279
21-23	32.3	2.6		12.6	12.3	8.9	7.1		8.9	4.8	10.4	4.0	269
TOTALS	23.7	6.5		12.4	11.4	10.2	8.8		10.5	7.2	9.2	4.4	2116

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	36.0	3.8		9.5	11.4	10.6	7.6		8.6	4.9	8.3	3.7	264
03-05	38.6	1.6		10.4	8.4	12.9	7.2		8.2	6.4	5.6	3.6	249
06-08	28.8	4.9		9.1	13.3	10.9	10.9		7.4	7.0	7.7	4.0	285
09-11	18.7	6.7		7.8	11.3	11.7	9.9		12.6	8.5	13.4	5.4	263
12-14	11.6	6.5		12.0	12.7	15.1	9.9		7.9	9.9	14.4	5.2	292
15-17	10.0	5.2		17.6	12.5	12.5	10.4		12.5	6.6	12.8	5.2	289
18-20	22.0	6.9		12.7	13.7	10.3	8.9		10.7	5.8	8.9	4.3	291
21-23	31.4	2.2		13.3	11.1	10.0	9.6		9.6	3.3	9.6	4.0	271
TOTALS	24.6	4.7		11.6	11.8	11.8	9.3		9.6	6.6	10.1	4.4	2224

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURLS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN ALL	21.0	6.0		11.9	11.5	10.7	9.4		10.0	7.3	12.2	4.7	2193
FEB	19.7	4.6		10.3	12.4	11.0	9.5		11.4	7.1	14.2	4.9	2017
MAR	24.6	5.2		10.1	10.8	10.6	8.6		10.3	7.5	12.2	4.6	2234
APR	31.1	5.2		9.4	10.7	10.3	9.1		9.4	6.2	8.7	4.0	2168
MAY	41.7	5.5		10.2	8.9	8.2	6.8		6.9	5.4	6.5	3.2	2174
JUN	59.1	6.3		10.4	8.0	5.8	4.1		3.2	1.6	1.5	1.6	2178
JUL	78.8	5.7		6.6	3.2	2.7	1.4		.9	.5	.4	.8	2223
AUG	68.5	6.9		9.1	5.9	3.9	2.5		2.2	.7	.2	1.2	2220
SEP	44.9	9.3		12.4	10.4	6.9	5.5		5.9	2.2	2.6	2.5	2171
OCT	29.6	8.7		12.3	13.1	10.0	8.7		8.1	5.2	4.5	3.6	2192
NOV	23.7	6.5		12.4	11.4	10.2	8.8		10.5	7.2	9.2	4.4	2116
DEC	24.6	4.7		11.6	11.8	11.8	9.3		9.6	6.6	10.1	4.4	2224
TOTALS	38.9	6.2		10.6	9.8	8.5	7.0		7.4	4.8	6.9	3.3	26110

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE CALCULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	51.2	51.4	52.9	56.1	62.5	69.4	73.7	75.4	72.3	66.2	59.7	54.4	62.2
	SD	4.353	3.957	4.134	3.352	3.998	3.765	3.510	2.860	3.227	4.035	4.273	4.101	9.511
	TCT CBS	256	236	263	249	253	262	265	260	261	260	239	262	3066
03-05	MEAN	49.6	49.6	50.7	54.0	60.1	67.1	71.1	72.8	69.8	63.9	58.0	52.4	60.0
	SD	4.526	3.943	4.334	3.918	4.184	4.298	3.636	3.152	3.449	3.932	4.567	4.248	9.325
	TCT CBS	241	220	255	239	237	250	246	242	238	236	233	246	2863
06-08	MEAN	49.0	49.4	50.1	53.3	60.2	67.5	71.1	71.9	68.8	63.4	57.1	51.9	59.5
	SD	4.791	4.433	4.673	4.449	4.453	4.469	3.624	3.092	3.684	4.325	4.713	4.597	9.468
	TCT CBS	277	251	276	285	284	278	279	280	277	273	260	285	3307
09-11	MEAN	51.1	52.4	55.2	59.6	65.6	71.8	75.7	77.0	74.8	69.0	61.2	54.4	64.1
	SD	4.210	3.827	4.132	4.072	4.562	4.418	3.775	3.360	3.385	3.987	4.369	4.156	10.019
	TCT CBS	282	255	280	283	291	279	283	289	285	280	273	281	3361
12-14	MEAN	55.9	56.3	57.7	60.9	66.6	72.4	76.8	78.3	76.6	71.5	64.9	58.9	66.5
	SD	3.724	3.679	3.714	4.151	4.364	4.298	4.098	3.578	3.323	3.737	4.243	3.715	9.019
	TCT CBS	278	262	287	275	278	280	292	287	282	291	271	290	3313
15-17	MEAN	55.6	56.0	57.4	61.0	66.4	72.5	77.0	78.3	76.0	70.7	64.3	58.8	66.2
	SD	3.632	3.278	3.557	3.741	4.099	4.250	4.005	3.338	3.387	3.735	3.839	3.504	8.913
	TCT CBS	275	263	284	278	277	272	285	284	276	277	272	283	3325
18-20	MEAN	53.6	54.3	56.2	59.8	66.0	72.3	76.6	77.6	74.8	69.0	61.9	56.6	64.9
	SD	3.876	3.344	3.761	3.627	3.956	4.239	3.766	3.373	3.371	3.632	4.091	3.397	9.363
	TCT CBS	285	264	286	283	283	268	281	279	276	282	278	244	3349
21-23	MEAN	51.2	52.1	53.6	57.2	63.9	71.0	75.1	76.5	73.2	66.6	59.8	54.5	62.9
	SD	4.255	3.809	3.877	3.490	3.666	3.812	3.349	3.048	3.312	3.954	4.173	3.801	9.762
	TCT CBS	278	247	284	262	252	269	274	270	255	264	267	270	3152
ALL	MEAN	52.2	52.4	54.3	57.8	64.0	70.5	74.7	76.0	73.4	67.7	60.9	55.3	63.4
	SD	4.825	4.521	4.837	4.193	4.878	4.685	4.376	3.953	4.304	4.813	4.996	4.676	9.752
HOURS	TCT CBS	2172	1998	2216	2154	2155	2158	2205	2191	2150	2163	2093	2201	25856

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
LST														
00-02	MEAN	48.6	49.0	49.9	52.9	58.4	64.4	69.0	70.7	67.7	62.7	57.1	51.9	58.6
	SD	4.515	4.225	4.279	3.303	3.724	3.702	3.541	3.558	3.714	4.330	4.699	4.243	4.818
	TOT CBS	256	235	263	249	252	261	263	259	261	260	238	259	3056
03-05	MEAN	47.0	47.3	48.1	50.8	56.0	62.0	66.0	67.8	65.4	60.7	55.4	49.9	56.4
	SD	4.651	4.175	4.033	3.469	3.664	3.689	3.705	3.560	3.762	4.241	4.924	4.393	4.477
	TOT CBS	241	219	255	238	234	250	240	239	232	235	232	244	2859
06-08	MEAN	46.5	47.1	47.4	50.4	55.9	61.7	65.3	67.0	64.6	60.4	54.7	49.4	55.9
	SD	4.912	4.322	4.248	3.810	3.600	3.838	3.777	3.574	3.638	4.287	4.975	4.539	4.464
	TOT CBS	276	249	277	284	281	278	274	278	274	273	258	282	3264
09-11	MEAN	48.2	49.4	50.8	54.4	60.1	66.1	70.2	71.5	68.8	63.7	57.4	51.4	59.4
	SD	4.347	3.876	3.975	3.411	3.314	3.202	3.354	3.037	3.712	4.102	4.541	4.259	4.044
	TOT CBS	281	254	280	282	290	278	282	285	285	276	271	281	3345
12-14	MEAN	51.3	51.9	52.8	56.0	61.8	67.9	72.2	73.8	71.1	65.7	59.8	54.4	61.7
	SD	4.430	4.162	3.844	3.623	3.201	3.235	3.472	3.317	3.483	4.336	4.713	4.009	4.856
	TOT CBS	276	261	287	274	276	278	289	286	278	290	270	244	3354
15-17	MEAN	51.1	52.0	52.8	56.4	62.0	68.0	72.8	74.0	71.2	65.8	59.9	54.5	61.8
	SD	4.491	4.029	4.045	3.401	3.275	3.469	3.540	3.222	3.625	4.372	4.641	3.966	4.002
	TOT CBS	273	258	283	277	275	269	283	283	276	275	269	283	3304
18-20	MEAN	50.1	51.0	52.2	55.8	61.5	67.6	72.2	73.3	70.6	65.0	58.6	53.3	60.9
	SD	4.608	4.110	4.311	3.497	3.356	3.379	3.523	3.389	3.700	4.430	4.943	4.119	4.148
	TOT CBS	283	264	283	281	283	265	277	275	276	281	276	284	3328
21-23	MEAN	48.3	49.4	50.2	53.6	59.7	66.1	70.7	72.0	68.8	63.0	57.0	51.7	59.2
	SD	4.553	4.137	4.049	3.594	3.498	3.614	3.739	3.698	3.894	4.511	4.622	4.121	4.258
	TOT CBS	275	245	283	260	251	268	270	269	252	263	266	267	3169
ALL	MEAN	48.9	49.7	50.6	53.8	59.5	65.5	69.9	71.3	68.6	63.5	57.6	52.1	59.3
	SD	4.857	4.408	4.516	4.124	4.145	4.231	4.443	4.206	4.365	4.746	5.061	4.559	4.142
HOURS	TOT CBS	2161	1985	2211	2145	2142	2147	2178	2174	2134	2153	2080	2189	25659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
00-02	MEAN	45.8	46.7	47.0	50.1	55.3	61.2	66.4	68.1	65.1	60.3	55.1	49.7	56.0
	SD	5.825	5.304	5.701	4.344	4.744	5.264	4.763	5.142	4.931	5.341	5.611	5.166	9.386
	TCT CBS	256	235	263	249	252	261	263	259	261	260	238	259	3056
03-05	MEAN	44.3	44.9	45.6	48.1	52.7	58.6	63.0	65.0	62.8	58.5	53.3	47.6	53.7
	SD	5.848	5.236	4.851	4.119	4.274	4.856	5.053	5.045	4.872	5.075	5.930	5.360	8.903
	TCT CBS	241	219	255	238	234	250	240	239	232	235	232	244	2859
06-08	MEAN	43.8	44.8	44.7	47.7	52.4	57.6	61.7	64.2	62.0	58.3	52.6	47.2	53.1
	SD	6.148	5.267	4.892	4.361	4.218	5.335	5.215	5.091	4.598	5.003	5.935	5.373	8.800
	TCT CBS	276	249	277	284	281	278	274	278	274	273	258	282	3264
09-11	MEAN	45.2	46.4	46.7	50.0	56.1	62.7	67.3	68.8	65.4	60.3	54.6	48.8	56.1
	SD	5.520	4.935	5.375	4.626	4.708	4.771	4.468	4.040	5.060	5.201	5.409	5.091	9.675
	TCT CBS	281	254	280	282	290	278	282	285	285	276	271	281	3345
12-14	MEAN	47.0	47.8	48.4	52.0	58.4	65.3	69.9	71.7	68.3	62.2	55.9	50.4	58.2
	SD	6.687	6.136	6.072	5.037	4.589	4.058	3.956	3.749	4.617	5.990	6.233	5.560	10.260
	TCT CBS	276	261	287	274	276	278	289	286	278	290	270	289	3354
15-17	MEAN	48.8	48.3	48.5	52.6	59.0	65.6	70.8	72.0	68.8	62.8	56.8	50.7	58.6
	SD	7.060	6.060	6.552	4.773	4.324	3.912	4.124	3.751	4.669	5.838	6.399	5.887	10.415
	TCT CBS	273	258	283	277	275	269	283	283	276	275	269	283	3304
18-20	MEAN	46.6	48.0	48.4	52.5	58.3	64.8	69.9	71.2	68.3	62.5	56.0	50.4	58.0
	SD	6.681	5.933	6.463	4.892	5.203	4.724	4.887	4.590	5.045	5.923	6.461	5.710	10.309
	TCT CBS	283	264	283	281	283	265	277	275	276	281	276	284	3328
21-23	MEAN	45.4	46.8	47.1	50.6	56.6	63.1	68.4	69.6	66.3	60.4	54.9	49.2	56.5
	SD	6.054	5.408	5.609	4.751	4.721	5.394	5.080	5.419	5.109	5.781	5.648	5.317	10.066
	TCT CBS	275	245	283	260	251	268	270	269	252	263	266	267	3169
ALL	MEAN	45.6	46.8	47.1	50.5	56.2	62.4	67.3	68.9	66.0	60.7	54.9	49.3	56.3
HOURS	SD	6.338	5.691	5.873	4.953	5.174	5.579	5.624	5.386	5.412	5.766	6.095	5.575	9.948
	TCT CBS	2161	1985	2211	2145	2142	2147	2178	2174	2134	2153	2080	2189	25659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 79-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	NUM OBS	
JAN	00-02	100.0	100.0	100.0	100.0	98.8	97.3	88.7	58.2	21.9	82.0	256	
	03-05	100.0	100.0	100.0	100.0	99.6	96.7	88.4	58.9	21.2	82.3	241	
	06-08	100.0	100.0	100.0	100.0	99.3	96.0	88.4	61.6	22.5	82.7	276	
	09-11	100.0	100.0	100.0	100.0	99.3	96.8	85.4	50.5	12.8	80.2	281	
	12-14	100.0	100.0	100.0	99.6	95.7	82.6	62.3	28.6	6.5	72.9	271	
	15-17	100.0	100.0	99.6	98.2	94.1	81.7	63.4	33.3	7.0	73.4	273	
	18-20	100.0	100.0	100.0	99.3	96.8	92.6	75.6	45.2	13.8	77.8	283	
	21-23	100.0	100.0	100.0	99.6	98.5	95.3	84.4	54.5	19.3	80.9	275	
TOTALS		100.0	100.0	100.0	99.5	97.8	92.4	79.6	48.9	15.6	79.0	2161	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
FEB	00-02	100.0	100.0	100.0	100.0	100.0	99.1	94.0	66.0	23.0	83.9	235	
	03-05	100.0	100.0	100.0	100.0	99.5	98.2	93.2	67.6	23.3	84.0	215	
	06-08	100.0	100.0	100.0	100.0	99.2	96.4	93.2	70.3	25.3	84.5	245	
	09-11	100.0	100.0	100.0	100.0	99.2	98.0	87.0	48.4	13.0	80.2	254	
	12-14	100.0	100.0	100.0	99.6	95.8	82.8	64.0	32.2	6.5	74.1	261	
	15-17	100.0	100.0	100.0	99.6	98.1	88.0	67.8	37.6	10.9	76.1	258	
	18-20	100.0	100.0	100.0	100.0	98.5	94.3	79.5	53.0	15.5	79.9	264	
	21-23	100.0	100.0	100.0	100.0	100.0	97.6	89.4	59.2	20.4	82.2	245	
	TOTALS	100.0	100.0	100.0	99.9	98.8	94.3	83.5	54.3	17.2	80.6	1985	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 74-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAR	00-02	100.0	100.0	100.0	99.6	98.1	93.9	85.6	52.1	20.9	81.0	263
	03-05	100.0	100.0	100.0	99.6	99.2	97.6	91.0	58.8	22.4	82.7	255
	06-08	100.0	100.0	100.0	99.6	99.6	97.5	90.3	57.8	18.1	82.0	277
	09-11	100.0	100.0	99.6	99.6	97.9	87.9	65.4	25.4	3.6	73.7	280
	12-14	100.0	100.0	99.0	97.6	93.7	85.0	62.4	26.8	2.8	72.2	287
	15-17	100.0	100.0	98.9	96.1	93.3	85.9	66.4	29.3	6.0	73.4	283
	18-20	100.0	100.0	99.6	98.6	94.7	87.3	71.0	41.7	9.9	76.2	283
	21-23	100.0	100.0	100.0	100.0	97.2	92.9	81.6	46.3	15.2	79.1	283
TOTALS		100.0	100.0	99.6	98.8	96.7	91.0	76.7	42.3	12.4	77.5	2211

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.6	99.6	97.6	87.1	49.0	18.5	80.8	245
	03-05	100.0	100.0	100.0	100.0	99.2	96.6	90.8	50.8	14.3	80.8	236
	06-08	100.0	100.0	100.0	100.0	98.6	95.4	90.1	55.6	16.9	81.6	284
	09-11	100.0	100.0	100.0	98.9	94.7	82.3	58.5	19.9	2.5	71.5	282
	12-14	100.0	100.0	100.0	98.5	94.9	85.0	67.5	26.6	2.9	73.5	274
	15-17	100.0	100.0	100.0	98.9	95.7	87.7	71.5	28.5	5.1	74.9	277
	18-20	100.0	100.0	100.0	98.9	96.8	91.5	76.5	42.0	10.3	77.3	281
	21-23	100.0	100.0	100.0	99.6	98.8	94.6	84.2	48.1	8.8	79.0	260
	TOTALS	100.0	100.0	100.0	99.3	97.3	91.3	78.3	40.1	9.9	77.4	2145

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 72-87
MONTH: MAY

MONTH	HOURS (LSZ)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	98.0	91.3	78.2	43.3	8.3	77.8	250
	03-05	100.0	100.0	100.0	100.0	98.7	94.9	76.5	38.5	6.8	77.2	234
	06-08	100.0	100.0	100.0	99.3	98.2	92.2	74.4	34.9	6.8	76.1	281
	09-11	100.0	100.0	99.3	95.9	92.4	81.7	66.6	27.9	4.8	72.5	290
	12-14	100.0	100.0	99.3	96.7	94.6	87.7	76.1	43.8	5.4	76.2	270
	15-17	100.0	100.0	99.3	98.9	97.1	93.5	81.1	44.4	5.5	77.7	275
	18-20	100.0	100.0	98.9	96.8	93.6	90.8	77.0	48.8	8.8	77.6	283
	21-23	100.0	100.0	100.0	100.0	97.6	89.2	76.1	43.8	9.6	77.7	251
TOTALS		100.0	100.0	99.6	98.5	96.3	90.2	75.8	40.7	7.0	76.6	2142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUP	OBS
JUN	00-02	100.0	100.0	100.0	99.6	96.2	85.4	68.6	46.7	6.5	76.0	261	
	03-05	100.0	100.0	100.0	100.0	96.0	84.4	66.0	36.4	8.8	75.2	250	
	06-08	100.0	100.0	99.3	98.6	92.8	81.3	58.3	26.6	2.2	71.6	270	
	09-11	100.0	100.0	98.6	97.5	92.8	86.7	68.0	36.7	4.3	74.1	278	
	12-14	100.0	100.0	99.6	98.9	97.1	93.2	84.2	54.0	5.0	78.9	278	
	15-17	100.0	100.0	100.0	100.0	98.5	95.9	83.6	55.0	4.5	79.3	269	
	18-20	100.0	100.0	99.6	97.4	93.6	90.9	80.8	54.3	7.5	78.2	265	
	21-23	100.0	100.0	100.0	97.8	95.9	86.2	73.5	53.4	8.6	77.4	268	
	TOTALS	100.0	100.0	99.6	98.7	95.4	88.0	72.9	45.4	5.0	76.3	2147	

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 74-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	97.7	92.0	75.3	54.8	8.7	78.4	263
	03-05	100.0	100.0	100.0	100.0	97.5	89.6	67.9	46.3	7.5	76.3	240
	06-08	100.0	100.0	100.0	100.0	96.4	82.8	63.1	30.7	4.0	72.8	274
	09-11	100.0	100.0	100.0	99.6	95.7	90.1	73.4	41.5	2.8	75.8	287
	12-14	100.0	100.0	100.0	99.7	99.3	97.6	87.2	52.6	4.2	79.5	285
	15-17	100.0	100.0	100.0	99.6	98.9	96.8	91.2	63.3	6.0	81.4	283
	18-20	100.0	100.0	100.0	97.8	96.0	93.5	85.6	66.4	9.7	80.6	277
	21-23	100.0	100.0	100.0	99.6	95.2	91.1	84.1	64.1	8.5	80.1	270
	TOTALS	100.0	100.0	100.0	99.5	97.1	91.7	78.5	52.5	6.4	78.1	2176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.6	97.3	90.0	77.6	56.4	4.2	78.7	254
	03-05	100.0	100.0	99.6	99.2	96.7	93.7	75.7	48.1	3.3	77.3	234
	06-08	100.0	100.0	100.0	99.3	96.8	91.0	77.0	47.5	4.0	77.2	276
	09-11	100.0	100.0	100.0	99.6	97.5	93.0	75.1	39.3	1.1	76.1	285
	12-14	100.0	100.0	100.0	100.0	100.0	99.3	90.6	53.1	1.7	80.3	284
	15-17	100.0	100.0	100.0	100.0	100.0	98.9	91.5	57.6	2.8	81.1	283
	18-20	100.0	100.0	100.0	98.9	97.5	94.2	87.3	66.9	6.5	81.3	275
	21-23	100.0	100.0	100.0	98.9	94.4	90.0	84.4	65.4	5.6	80.1	265
TOTALS		100.0	100.0	100.0	99.4	97.5	93.8	82.4	54.3	3.7	79.0	2174

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	98.9	93.9	76.6	52.5	4.6	78.6	261
	03-05	100.0	100.0	100.0	100.0	99.1	95.3	78.4	49.6	6.5	78.7	232
	06-08	100.0	100.0	100.0	100.0	98.9	95.6	83.2	52.2	7.7	79.3	274
	09-11	100.0	100.0	100.0	99.6	96.5	89.8	64.6	26.3	.4	73.1	281
	12-14	100.0	100.0	100.0	99.3	97.5	93.9	78.8	33.8	1.4	76.1	276
	15-17	100.0	100.0	100.0	98.9	98.2	96.0	85.9	46.7	2.5	78.5	276
	18-20	100.0	100.0	100.0	98.6	96.0	94.6	89.5	63.8	6.5	80.8	276
	21-23	100.0	100.0	100.0	99.6	98.8	93.7	82.5	55.2	6.3	79.5	252
TOTALS		100.0	100.0	100.0	99.5	98.0	94.1	79.9	47.5	4.5	78.1	2134

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 144530 STATION NAME: RFLA ITALY

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.2	96.5	89.2	61.9	11.5	81.7	260
	03-05	100.0	100.0	100.0	100.0	99.6	98.7	90.6	64.3	11.9	82.6	235
	06-08	100.0	100.0	100.0	100.0	98.9	98.2	92.3	69.6	13.9	83.6	273
	09-11	100.0	100.0	100.0	100.0	99.3	93.1	67.4	23.9	1.8	74.1	276
	12-14	100.0	100.0	100.0	98.6	97.6	86.2	66.6	23.4	2.8	73.0	290
	15-17	100.0	100.0	100.0	99.3	97.8	94.2	77.1	40.4	2.5	76.6	275
	18-20	100.0	100.0	100.0	99.3	98.9	96.1	84.3	56.9	9.3	80.1	281
	21-23	100.0	100.0	100.0	100.0	98.9	95.4	86.7	57.0	9.1	80.5	263
TOTALS		100.0	100.0	100.0	99.7	98.8	94.8	81.8	49.7	7.9	79.0	2153

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: SELA ITALY

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LSI)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	NUM OBS
NOV	00-02	100.0	100.0	100.0	100.0	99.6	99.6	95.0	66.4	26.1	85.0	238
	03-05	100.0	100.0	100.0	100.0	99.1	98.7	94.0	68.5	25.9	84.6	232
	06-08	100.0	100.0	100.0	100.0	99.2	98.8	93.4	72.9	27.1	85.1	254
	09-11	100.0	100.0	100.0	100.0	100.0	97.4	85.6	40.2	6.6	79.1	271
	12-14	100.0	100.0	100.0	100.0	97.8	86.3	60.7	26.7	5.9	73.4	270
	15-17	100.0	100.0	100.0	98.9	97.4	91.4	75.5	39.8	7.1	76.9	266
	18-20	100.0	100.0	100.0	99.6	99.6	95.7	85.5	55.8	17.0	81.4	274
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	92.5	65.0	22.6	83.9	264
TOTALS		100.0	100.0	100.0	99.8	99.1	95.9	85.3	54.4	17.3	81.2	2086

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
DEC	00-02	100.0	100.0	100.0	100.0	100.0	99.2	94.6	65.3	23.6	84.3	254	
	03-05	100.0	100.0	100.0	100.0	99.6	98.4	93.9	64.3	23.0	83.7	244	
	06-08	100.0	100.0	100.0	100.0	99.6	98.2	93.3	69.9	24.1	84.4	282	
	09-11	100.0	100.0	100.0	100.0	99.6	99.3	90.7	56.9	8.9	81.6	201	
	12-14	100.0	100.0	100.0	99.3	97.6	89.6	65.7	24.9	3.5	73.9	289	
	15-17	100.0	100.0	99.6	98.9	95.4	87.6	71.7	31.8	6.0	75.3	203	
	18-20	100.0	100.0	100.0	100.0	98.9	94.0	84.9	52.1	13.7	80.3	284	
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	88.8	60.7	21.0	82.6	267	
TOTALS		100.0	100.0	100.0	99.8	98.8	95.6	85.5	53.2	15.5	80.8	2185	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.5	97.8	92.4	79.6	48.9	15.6	79.0	2161
FEB		100.0	100.0	100.0	99.9	98.8	94.3	83.5	54.3	17.2	80.6	1985
MAR		100.0	100.0	99.6	98.8	96.7	91.0	76.7	42.3	12.4	77.5	2211
APR		100.0	100.0	100.0	99.3	97.3	91.3	78.3	40.1	9.9	77.4	2145
MAY		100.0	100.0	99.6	98.5	96.3	90.2	75.8	40.7	7.0	76.6	2142
JUN		100.0	100.0	99.6	98.7	95.4	88.0	72.9	45.4	5.9	76.3	2147
JUL		100.0	100.0	100.0	99.5	97.1	91.7	78.5	52.5	6.4	78.1	2171
AUG		100.0	100.0	100.0	99.4	97.5	93.8	82.4	54.3	3.7	79.0	2174
SEP		100.0	100.0	100.0	99.5	98.0	94.1	79.9	47.5	4.5	78.1	2134
OCT		100.0	100.0	100.0	99.7	98.8	94.8	81.8	49.7	7.9	79.0	2153
NOV		100.0	100.0	100.0	99.8	99.1	95.9	85.3	54.4	17.3	81.2	2081
DEC		100.0	100.0	100.0	99.8	98.8	95.6	85.5	53.2	15.5	80.8	2185
TOTALS		100.0	100.0	99.9	99.4	97.6	92.8	80.0	48.6	10.3	78.6	25694

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/H&C

SEA LEVEL PRESSURE IN MBS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 16453E STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
01	MEAN	1016.2	1015.2	1015.5	1014.0	1014.6	1015.7	1015.6	1015.1	1016.9	1017.9	1017.5	1017.6	1016.0
	SD	7.406	7.674	5.852	5.241	4.225	3.149	2.526	2.553	3.331	4.916	7.181	6.744	5.478
	TCT CBS	255	240	267	251	252	261	263	262	261	265	243	264	3084
04	MEAN	1016.0	1015.0	1014.4	1013.3	1014.0	1015.0	1015.1	1014.6	1016.5	1017.5	1017.3	1017.3	1015.5
	SD	7.679	7.882	6.031	5.260	4.299	2.929	2.505	2.562	3.432	4.873	7.069	7.190	5.624
	TCT CBS	239	222	258	237	236	253	245	243	235	240	239	247	2854
07	MEAN	1016.2	1014.3	1014.6	1013.6	1014.1	1015.4	1015.3	1014.9	1016.7	1017.6	1017.3	1016.9	1015.6
	SD	8.015	7.937	6.321	5.401	4.358	3.012	2.541	2.572	3.369	4.864	7.328	7.337	5.724
	TCT CBS	277	248	278	283	283	275	280	283	279	277	264	281	3308
10	MEAN	1017.0	1015.2	1015.3	1014.0	1014.6	1015.7	1015.8	1015.4	1017.5	1018.3	1018.0	1017.9	1016.2
	SD	7.856	8.090	6.359	5.444	4.410	3.091	2.537	2.583	3.378	4.817	7.143	7.328	5.744
	TCT CBS	293	255	281	282	289	280	284	292	282	280	275	281	3364
13	MEAN	1016.2	1014.8	1015.1	1013.8	1014.5	1015.7	1015.7	1015.2	1017.2	1017.7	1017.1	1017.1	1015.8
	SD	7.795	7.873	6.277	5.390	4.585	3.168	2.624	2.555	3.207	4.921	7.267	7.235	5.676
	TCT CBS	276	264	289	275	281	283	295	286	283	291	270	292	3365
16	MEAN	1016.0	1014.2	1014.0	1012.8	1013.9	1015.0	1015.0	1014.5	1016.3	1017.0	1016.5	1016.4	1015.1
	SD	7.836	7.464	6.163	5.278	4.393	3.262	2.727	2.599	3.332	4.814	7.172	7.241	5.613
	TCT CBS	281	264	281	276	281	269	285	288	281	274	275	284	3339
19	MEAN	1015.9	1014.6	1014.3	1012.9	1013.8	1014.7	1014.7	1014.1	1016.3	1017.5	1017.1	1016.9	1015.2
	SD	7.543	7.413	6.112	5.206	4.371	3.293	2.693	2.733	3.408	4.690	7.100	6.915	5.566
	TCT CBS	283	263	284	283	284	266	284	280	276	282	277	288	3350
22	MEAN	1016.7	1015.1	1015.3	1014.0	1014.8	1015.4	1015.4	1015.1	1017.0	1018.1	1017.6	1017.6	1016.0
	SD	7.350	7.604	6.014	5.232	4.013	3.029	2.562	2.547	3.382	4.767	7.263	7.158	5.541
	TCT CBS	277	243	285	263	251	271	277	271	257	267	268	269	3159
ALL	MEAN	1016.3	1014.8	1014.8	1013.5	1014.3	1015.4	1015.3	1014.9	1016.8	1017.7	1017.3	1017.2	1015.7
	SD	7.661	7.738	6.157	5.321	4.350	3.136	2.615	2.616	3.372	4.840	7.192	7.151	5.629
	TCT CBS	2171	1999	2223	2150	2157	2158	2213	2205	2154	2176	2111	2206	25923

SUPPLEMENTAL DATA SECTION SPECIAL CAVEAT PAGE

1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE LISOCs.
2. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS WILL NOT REFLECT IN THESE SUMMARIES.
3. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
 - A. RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
 - B. PERIODS GREATER THAN 24 HOURS DO NOT TAKE INTO ACCOUNT EVAPORATION.
 - C. THIS 24-HOUR AMOUNT MAY, BUT MORE FREQUENTLY DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT.
 - D. COMBINATIONS OF THE ABOVE LIMITATIONS TEND TO FURTHER EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
4. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HOUR VALUES. HOWEVER, EVAPORATION (SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS WHERE THE VALUES ARE DEPENDENT ON THE LENGTH OF TIME OF THESE NON-OPERATIONAL PERIODS.
5. THE TEMPERATURES SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM AND MINIMUM TEMPERATURES.

USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --EXTREMES OCCURRING OUTSIDE THE FULL TIME PERIOD SUMMARIZED ARE NOT REFLECTED IN THESE SUMMARIES.

USAFETAC ALSO RECOMMENDS LIMITED DISTRIBUTION OF THE LIMITED OR PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), AND BE ACCOMPANIED BY THIS CAVEAT PAGE.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDRETHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 164530

STATION NAME: GELA ITALY

PERIOD OF RECORD: 66-71, 73-77

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 501						.4	.4	.7	.2				.1
GE 051					1.1	1.0	3.2	4.4	2.8				1.1
GE 001					3.1	10.5	28.3	43.4	21.3	3.1			9.1
GE 751				1.1	11.6	41.4	78.5	91.8	80.4	26.0	1.0		28.0
GE 701			1.2	6.7	34.3	81.8	97.0	100.0	98.7	73.8	14.0		42.1
GE 651	1.3	2.9	7.3	23.4	74.8	98.7	100.0		100.0	96.0	56.9	7.1	56.0
GE 601	16.9	18.6	38.1	67.6	99.5	100.0				99.5	91.6	47.7	73.4
GE 551	80.1	81.0	88.4	99.0	100.0					100.0	99.4	92.7	95.1
GE 501	97.4	98.5	98.8	100.0							100.0	99.6	99.5
GE 451	99.4	100.0	100.0									100.0	100.0
GE 401	100.0												100.0
MEAN	56.9	57.2	58.9	62.2	68.3	73.6	77.3	79.0	77.1	71.8	65.4	59.6	67.1
SD	3.533	3.568	4.060	4.359	4.975	4.619	4.043	3.376	3.521	4.016	3.944	3.502	4.931
TOTAL OBS	539	517	593	522	551	544	558	572	531	549	522	537	6531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 16453C

STATION NAME: GELA ITALY

PERIOD OF RECORD: 66-71, 73-77

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 60						.4	.2		.4				.1
GE 75						2.2	9.9	14.3	4.7	.2			2.7
GE 70					2.9	16.7	52.7	71.2	32.0	4.2	.2		15.3
GE 65					10.2	56.4	89.1	96.5	83.1	24.4	1.5		30.5
GE 60			.3	5.0	48.1	94.5	100.0	100.0	99.1	73.2	21.6	1.5	45.7
GE 55	4.6	7.0	12.5	31.8	88.0	99.8			100.0	96.4	62.6	21.4	60.6
GE 50	39.9	42.6	53.0	79.3	99.6	100.0				99.6	90.8	47.0	81.1
GE 45	82.0	85.5	88.9	97.7	100.0					100.0	99.6	53.1	95.6
GE 40	96.3	97.7	97.6	100.0							100.0	99.6	99.2
GE 35	99.8	99.6	100.0									100.0	100.0
GE 30	100.0	100.0											100.0
MEAN	47.8	48.3	49.2	52.5	59.6	65.7	69.6	71.0	68.1	62.2	55.9	50.9	58.4
SD	4.102	4.033	4.400	4.207	4.515	3.907	3.610	3.147	3.500	4.275	4.720	4.416	3.366
TOTAL OBS	539	517	593	522	551	544	558	572	531	549	522	537	6535

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 16453C

STATION NAME: GELA ITALY

PERIOD OF RECORD: 66-71, 73-77

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85						.4		.2	.2				.1
GE 80					.4	1.3	5.9	7.9	3.6				1.6
GE 75					2.5	12.5	41.2	63.8	76.2	3.3			12.6
GE 70				.2	11.3	52.9	88.2	96.9	86.3	28.1	1.0		30.6
GE 65			.5	5.4	43.4	92.5	99.8	100.0	89.6	76.5	19.5		45.7
GE 60	2.2	3.1	8.3	27.2	86.9	100.0	100.0		100.0	97.1	66.1	12.3	58.6
GE 55	30.2	33.7	48.2	81.0	99.8					100.0	94.3	61.3	79.1
GE 50	84.8	85.3	91.9	99.0	100.0						100.0	55.0	96.0
GE 45	98.0	99.2	98.3	100.0								100.0	99.6
GE 40	99.8	100.0	100.0										100.0
GE 35	100.0												100.0
MEAN	52.7	53.1	54.4	57.7	64.3	70.0	73.8	75.3	73.0	67.3	61.0	55.6	63.2
SD	3.516	3.451	3.886	3.838	4.424	3.981	3.530	2.932	3.216	3.912	3.976	3.485	5.006
TOTAL OBS	539	517	593	522	551	544	558	572	531	549	522	537	6535

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 66-71, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66							75	93	81	81	72	63	
67	63	68	66	77	75	86	86	86	81	79	75	68	66
68	61	68	72	73	86	86	84	88	88	79	75	66	68
69	61	66	66	72	84	86	82	84	86	75	70	64	66
70	64	61	70	77	77	88	82	81	82	77	70	64	68
71	66	61	70										
73	60	59	64	71	78	80	86	84	89	78	75	68	69
74	64	62	68	77	78	87	87	82	84	75	69	68	67
75	69	69	69	73	77	78	89	87	84	82	73	68	69
76	69	60	64	66	71	82	78	84	82	78	68	66	64
77	60	66	68	73	86	82	90	82	84	81	75	68	60
78	64	66	64	73	79	84	88	84	84	75	68	66	68
79	66	66	66	66	73	86	82	86	79	82	72	66	66
80	59	61	70	66	75	82	82	81	79	77	70	63	62
81	59	61	72	68	73	84	84	88	86	81	72	66	68
82	65	66	68	69	73	90	92	87	90	80	70	63	62
83	61	59	64	77	77	81	84	82	86	74	69	64	66
84	60	63	63	71	86	81	89	86	87	81	76	67	69
85	65	67	68	75	87	82	85	90	83	84	73	66	60
86	63	66	72	72	79	82	83	86	86	81	71	66	66
87	63	63	62	73	71	86	88	90					
MEAN	63.0	65.6	67.0	74.0	83.3	84.5	85.4	86.0	84.3	80.4	72.2	65.0	
S.C.		2.881	2.739	2.582		2.665	2.440	2.828	2.470	2.608	2.588		
TOTAL OBS	539	517	593	522	551	544	558	572	531	549	522	537	6535

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 66-71, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66							63	66	63	59	45	39	
67	37	34	41	41	52	54	66	68	61	57	45	36	34
68	34	37	36	46	54	61	64	64	59	55	48	41	34
69	37	34	41	41	59	55	63	61	61	54	46	43	34
70	43	37	37	43	45	59	61	63	63	46	46	43	37
71	43	37	37										
73	44	39	39	41	50	60	64	66	62	55	46	42	39
74	44	44	41	42	51	59	60	60	60	50	48	42	41
75	42	42	41	50	50	57	60	66	66	48	42	48	41
76	41	42	41	46	51	57	62	64	62	57	41	42	41
77	42	44	41	43	52	61	68	64	59	55	48	41	41
78	41	43	41	46	50	59	61	68	63	52	48	48	41
79	39	46	46	48	52	63	66	64	63	57	46	45	39
80	41	41	41	45	54	59	63	68	66	55	48	41	41
81	39	41	46	52	55	66	61	64	64	54	48	41	39
82	45	44	44	52	53	64	68	72	67	58	50	43	43
83	39	39	43	46	54	61	62	68	61	56	55	44	39
84	45	43	44	42	52	58	66	65	55	59	50	44	42
85	39	47	41	45	52	61	66	65	65	53	44	46	39
86	39	39	45	46	55	60	67	70	63	53	52	41	39
87	40	43	35	44	50	58	65	63					
MEAN	39.3	41.0	40.0	45.0	49.7	57.5	62.9	65.0	62.3	52.4	47.0	43.3	
S.C.		2.915	3.240	3.559		2.665	2.478	2.000	1.113	3.715	2.828		
TOTAL OBS	539	517	593	522	551	544	558	572	531	549	522	537	6525

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

DATA
FILM
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